

CITY OF COPPELL

DALLAS / DENTON COUNTY, TEXAS



STANDARD CONSTRUCTION DETAILS

REVISED SEPTEMBER 17, 2020

CITY OF COPPELL ORDINANCE # 2006-1129

GENERAL NOTES

1. THESE STANDARD CONSTRUCTION DETAIL DRAWINGS ARE BASED ON THE STANDARD DRAWINGS PUBLISHED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) IN 1996. IN ADDITION TO NUMEROUS LOCAL EXCEPTIONS, MANY DETAILS IN THIS SET ARE UNIQUE TO THE CITY OF COPPELL. THESE STANDARD CONSTRUCTION DETAIL DRAWINGS SUPERSEDE ALL OTHER VERSIONS OF NCTCOG AND CITY OF COPPELL STANDARD CONSTRUCTION DETAILS. THE CITY OF COPPELL RESERVES THE RIGHT TO UPDATE, MODIFY OR SUPERSEDE THESE STANDARD CONSTRUCTION DETAIL DRAWINGS WITHOUT NOTICE. THE CITY OF COPPELL RESERVES THE RIGHT TO REQUIRE METHODS AND MATERIALS CONTRADICTORY TO THOSE SHOWN IN THESE DETAILS ON A CASE BY CASE BASIS.
2. THE CITY OF COPPELL HAS ADOPTED THE "Standard Specifications for Public Works Construction", 4TH EDITION, AS ITS BASIC CONSTRUCTION SPECIFICATIONS. THIS DOCUMENT IS AVAILABLE FOR PURCHASE FROM THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG), 616 SIX FLAGS DR., SUITE 200, P.O. BOX 5888, ARLINGTON TEXAS 76005-5888, PH. 817/640-3300, nctcog.org. THE CITY OF COPPELL RESERVES THE RIGHT TO MAKE LOCAL EXCEPTIONS TO ANY STANDARD SPECIFICATION.
3. WHERE THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS DO NOT ADDRESS A SPECIFIC ITEM ADEQUATELY, REFER TO THE APPROPRIATE STANDARDS PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT), THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (T.M.U.T.C.D.), TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (T.C.E.Q.), TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (T.P.D.E.S.) GENERAL PERMIT, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O.), ASTM International AND THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A).
4. LOCAL, STATE AND FEDERAL ORDINANCES WHICH REGULATE DEVELOPMENT IN THE CITY OF COPPELL ARE:
 - a. CITY OF COPPELL SUBDIVISION ORDINANCE.
 - b. CITY OF COPPELL FLOODPLAIN ORDINANCE.
 - c. CITY OF COPPELL IMPACT FEE ORDINANCE.
 - d. CITY OF COPPELL EROSION CONTROL ORDINANCE.
 - e. CITY OF COPPELL ZONING ORDINANCE.
 - f. CITY OF COPPELL RIGHT-OF-WAY MANAGEMENT ORDINANCE.
 - g. CITY OF COPPELL TREE ORDINANCE
 - h. CITY OF COPPELL NOISE ORDINANCE
 - i. CITY OF COPPELL CITY-WIDE STORM WATER MANAGEMENT STUDY
 - j. TEXAS ACCESSIBILITY STANDARDS (T.A.S.)
 - k. AMERICANS WITH DISABILITIES ACT (A.D.A.)
 - △ l. TxDot PED 18 PEDESTRIAN FACILITIES CURB RAMPS

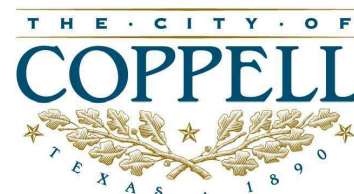


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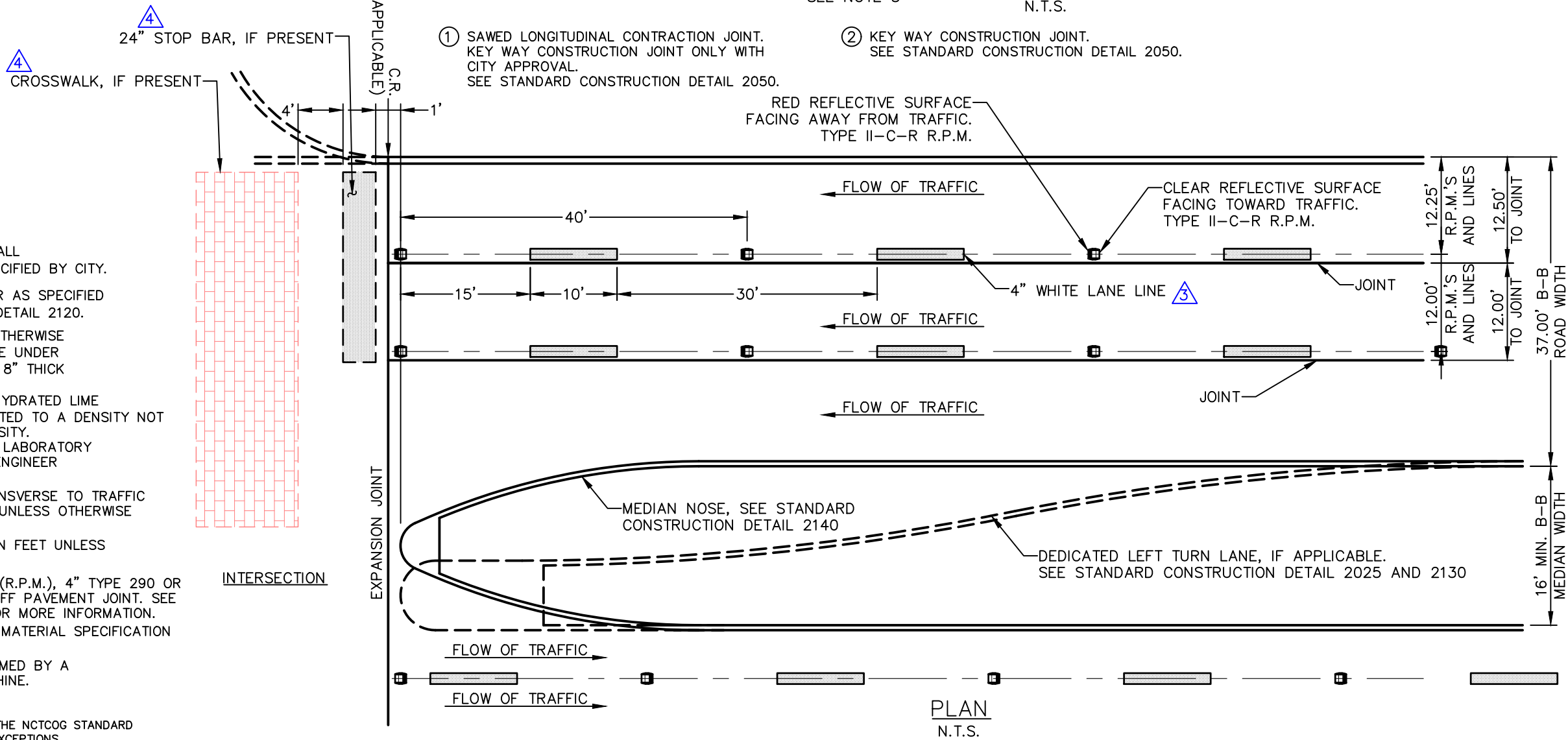
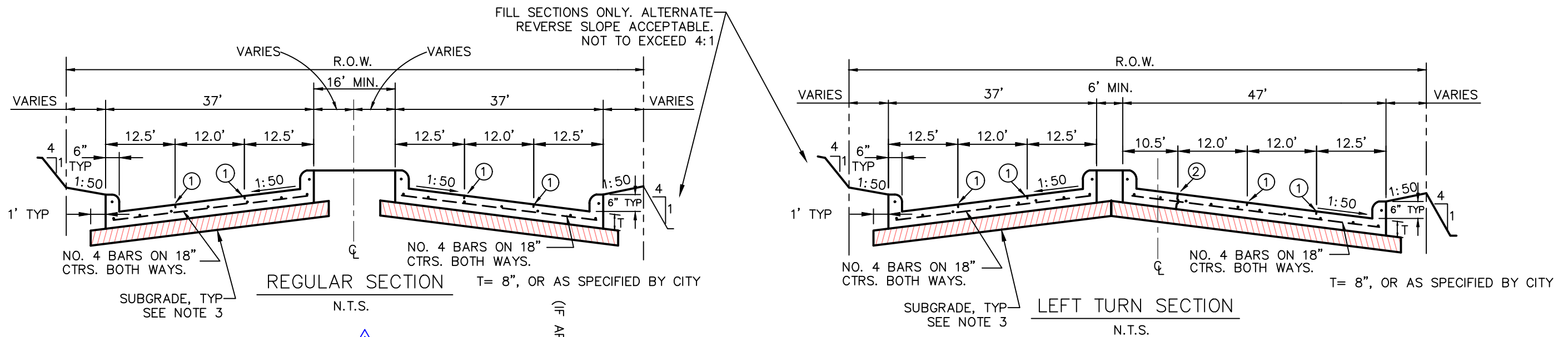
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- NOTES:
1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 8" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
 3. SUBGRADE (MIN. REQUIREMENTS-UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
 4. PAVEMENT SURFACE FINISH SHALL BE TRANSVERSE TO TRAFFIC LANES AND SHALL BE STEEL TINE FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
 5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
 6. CHANNELIZING RAISED PAVEMENT MARKER (R.P.M.), 4" TYPE 290 OR APPROVED EQUAL, SHALL BE INSTALLED OFF PAVEMENT JOINT. SEE STANDARD CONSTRUCTION DETAIL 2195 FOR MORE INFORMATION.
 7. TRAFFIC PAINT SHALL CONFORM TO TxDOT MATERIAL SPECIFICATION DMS-8200.
 8. CONCRETE STREET SECTION SHALL BE FORMED BY A SELF-PROPELLED SLIP FORM PAVING MACHINE.

North Central Texas Council of Governments

NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

4	ADD REFERENCE TO CROSSWALK AND STOP BAR.	KG	AUG '20
3	CHANGE CHANNELIZING FROM R.P.M.'S TO PAINTED LANE LINES WITH R.P.M.'S.	JB	FEB '20
2	ADD NOTE 7.	SWL	MAY '20
1	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19
NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

REINFORCED CONCRETE PAVEMENT

SIX-LANE DIVIDED THOROUGHFARE

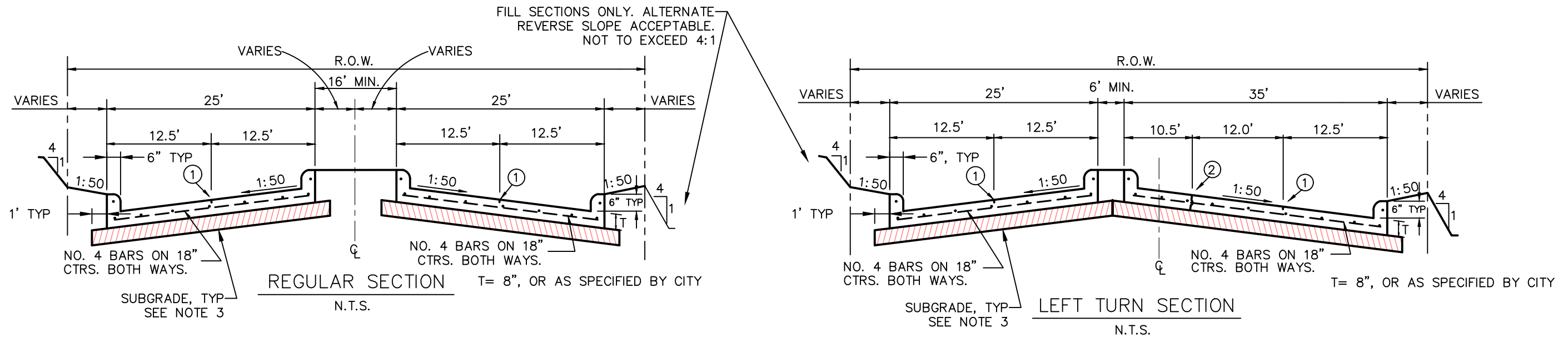
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE

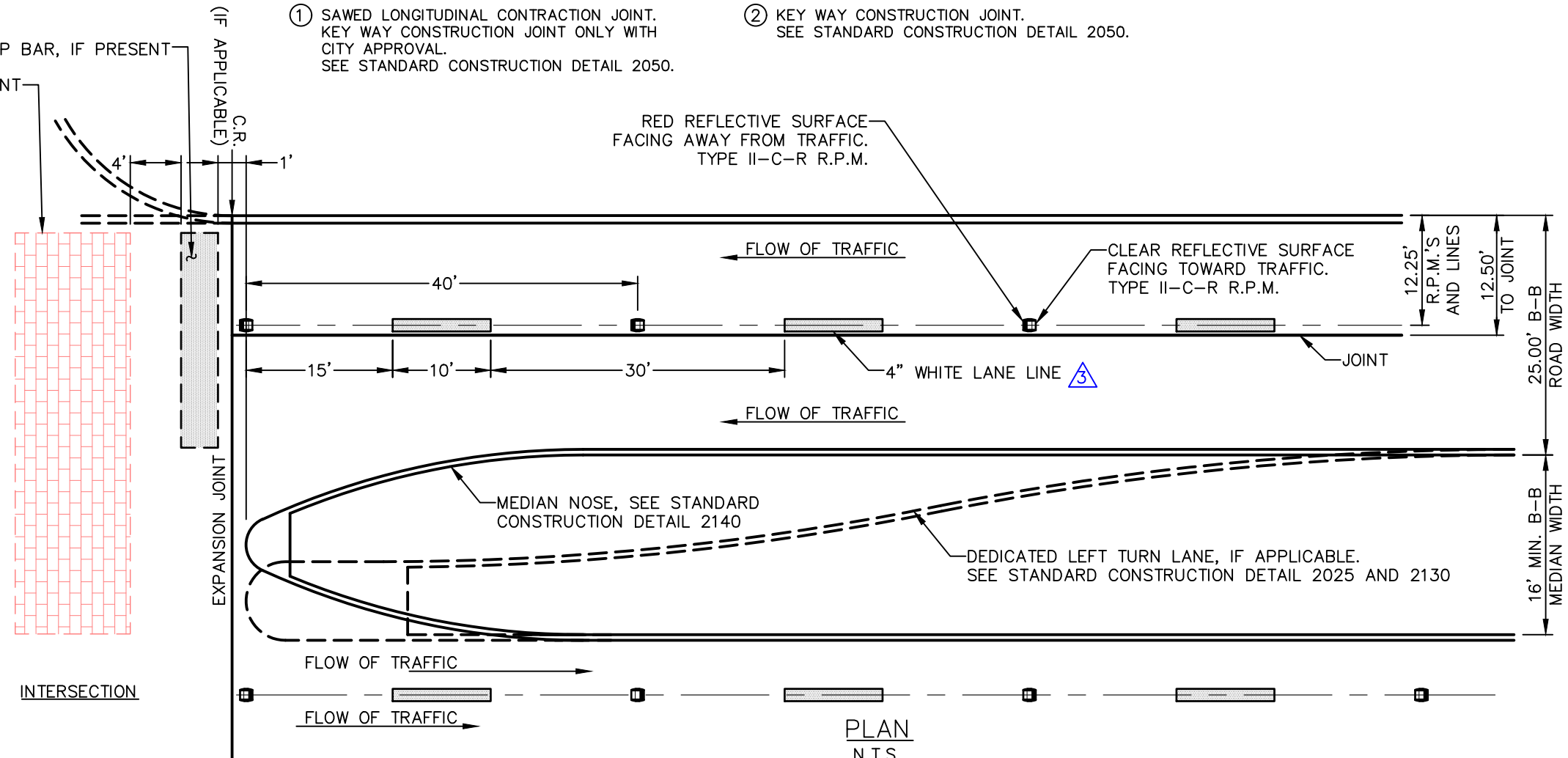
301., 303.

STANDARD DETAIL

2010



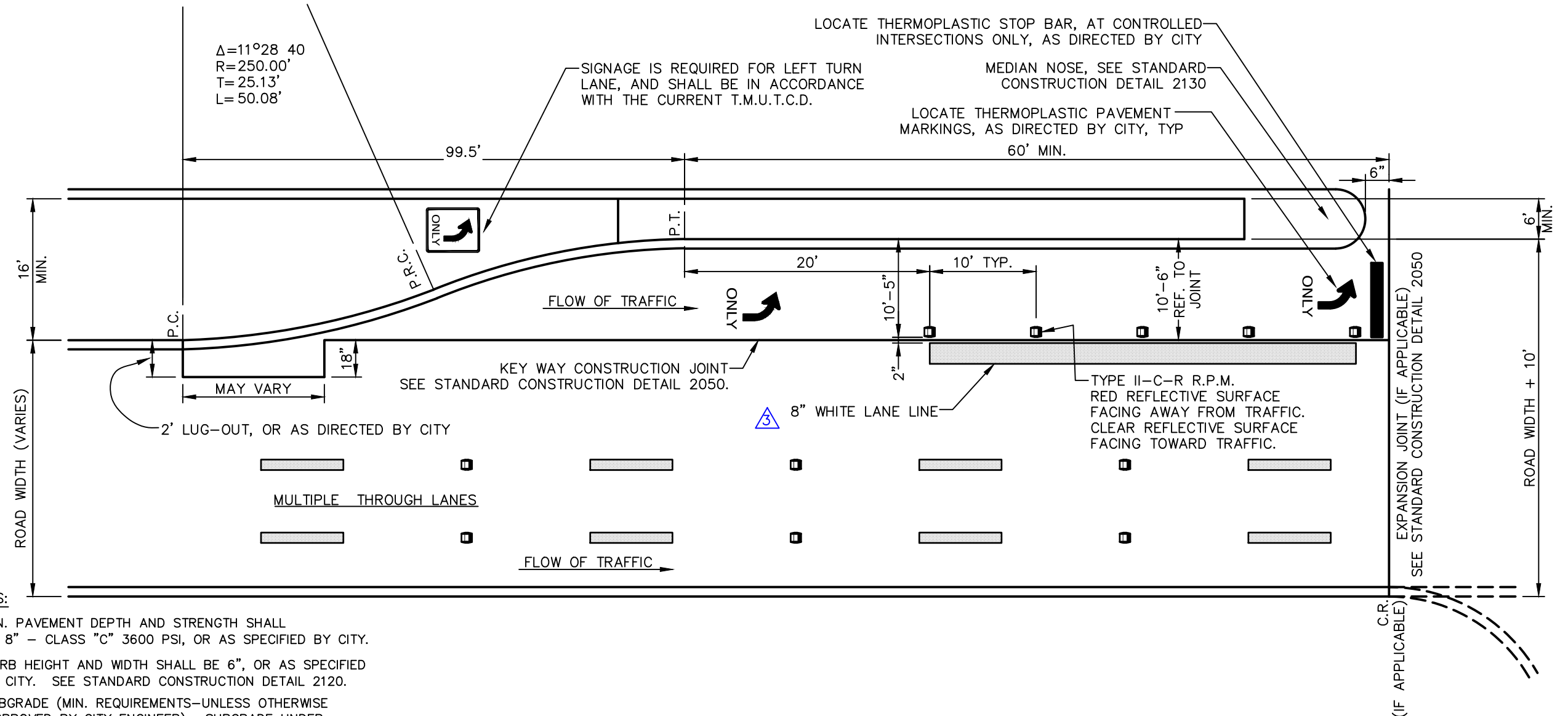
- NOTES:**
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 5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
 6. CHANNELIZING RAISED PAVEMENT MARKER (R.P.M.), 4" TYPE 290 OR APPROVED EQUAL, SHALL BE INSTALLED OFF PAVEMENT JOINT. SEE STANDARD CONSTRUCTION DETAIL 2195 FOR MORE INFORMATION.
 7. TRAFFIC PAINT SHALL CONFORM TO TxDOT MATERIAL SPECIFICATION DMS-8200.
 8. CONCRETE STREET SECTION SHALL BE FORMED BY A SELF-PROPELLED SLIP FORM PAVING MACHINE.



North Central Texas Council of Governments

NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

4	ADD REFERENCE TO CROSSWALK AND STOP BAR.	KG	AUG '20		STANDARD CONSTRUCTION DETAILS REINFORCED CONCRETE PAVEMENT FOUR-LANE DIVIDED THOROUGHFARE CITY OF COPPELL DALLAS COUNTY, TEXAS	STD. SPEC. REFERENCE 301., 303.
3	CHANGE CHANNELIZING FROM R.P.M.'S TO PAINTED LANE LINES WITH R.P.M.'S.	SWL	MAY '20			
2	ADD NOTE 7.	SWL	MAY '20			
1	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
NO.	LOCAL EXCEPTION	BY	DATE			2020 STANDARD DETAIL



NOTES:


1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 8" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
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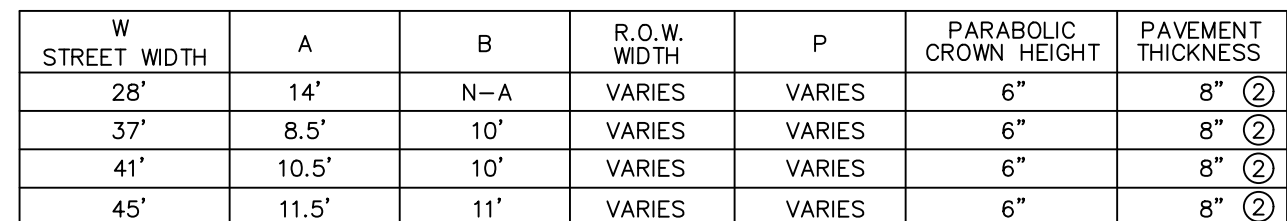
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

PLAN
N.T.S.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 301., 303.
					REINFORCED CONCRETE PAVEMENT DEDICATED LEFT TURN LANE	
3	CHANGE CHANNELIZING FROM R.P.M.'S TO PAINTED LANE LINES WITH R.P.M.'S.	SWL	MAY '20			
2	ADD NOTE 7.	SWL	MAY '20			
1	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
NO.	LOCAL EXCEPTION	BY	DATE			CITY OF COPPELL DALLAS COUNTY, TEXAS







- ① SAWED LONGITUDINAL CONTRACTION JOINT.
KEY WAY CONSTRUCTION JOINT ONLY WITH
CITY APPROVAL.
SEE STANDARD CONSTRUCTION DETAIL 2050.
- ② KEY WAY CONSTRUCTION JOINT.
SEE STANDARD CONSTRUCTION DETAIL 2050.

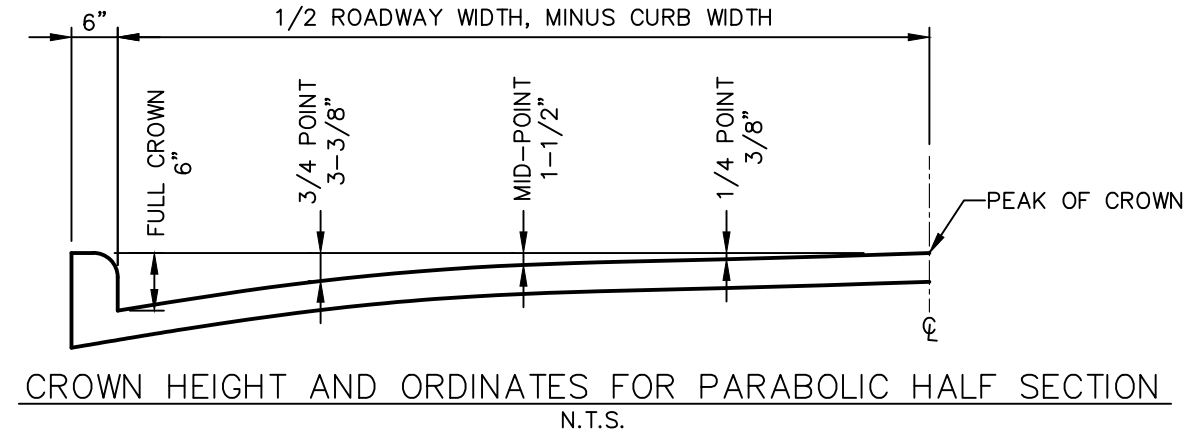
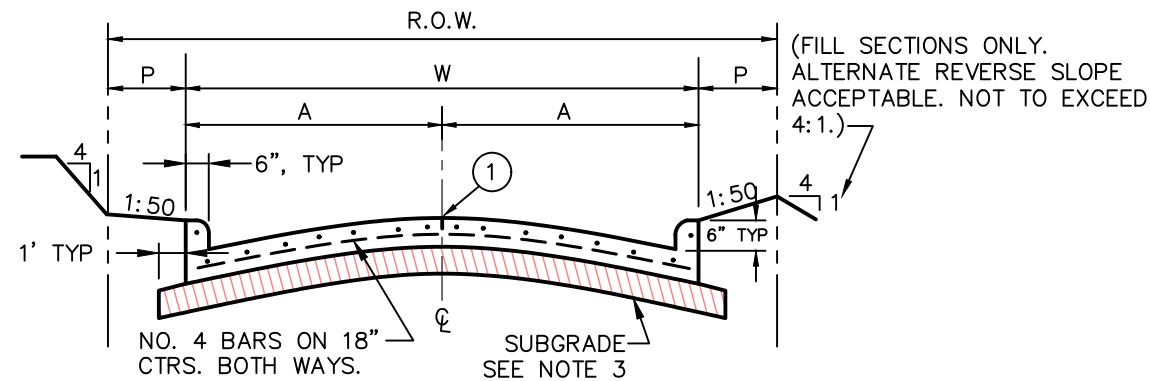
NOTES:

1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 8" – CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
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6. CHANNELIZING RAISED PAVEMENT MARKER (R.P.M.), 4" TYPE 290 OR APPROVED EQUAL, SHALL BE INSTALLED OFF PAVEMENT JOINT. SEE STANDARD CONSTRUCTION DETAIL 2195 FOR MORE INFORMATION.
7. TRAFFIC PAINT SHALL CONFORM TO TxDOT MATERIAL SPECIFICATION DMS-8200.
8. CONCRETE STREET SECTION SHALL BE FORMED BY A SELF-PROPELLED SLIP FORM PAVING MACHINE.



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					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE	
						REINFORCED CONCRETE PAVEMENT	301., 303.
	CHANGE CHANNELIZING FROM R.P.M.'S TO PAINTED LANE LINES WITH R.P.M.'S.	SWL	MAY '20		TWO & FOUR-LANE UNDIVIDED THOROUGHFARE	STANDARD DETAIL	
	ADD NOTE 7.	SWL	MAY '20				
	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19				
NO.	LOCAL EXCEPTION	BY	DATE	CITY OF COPPELL DALLAS COUNTY, TEXAS		2030	



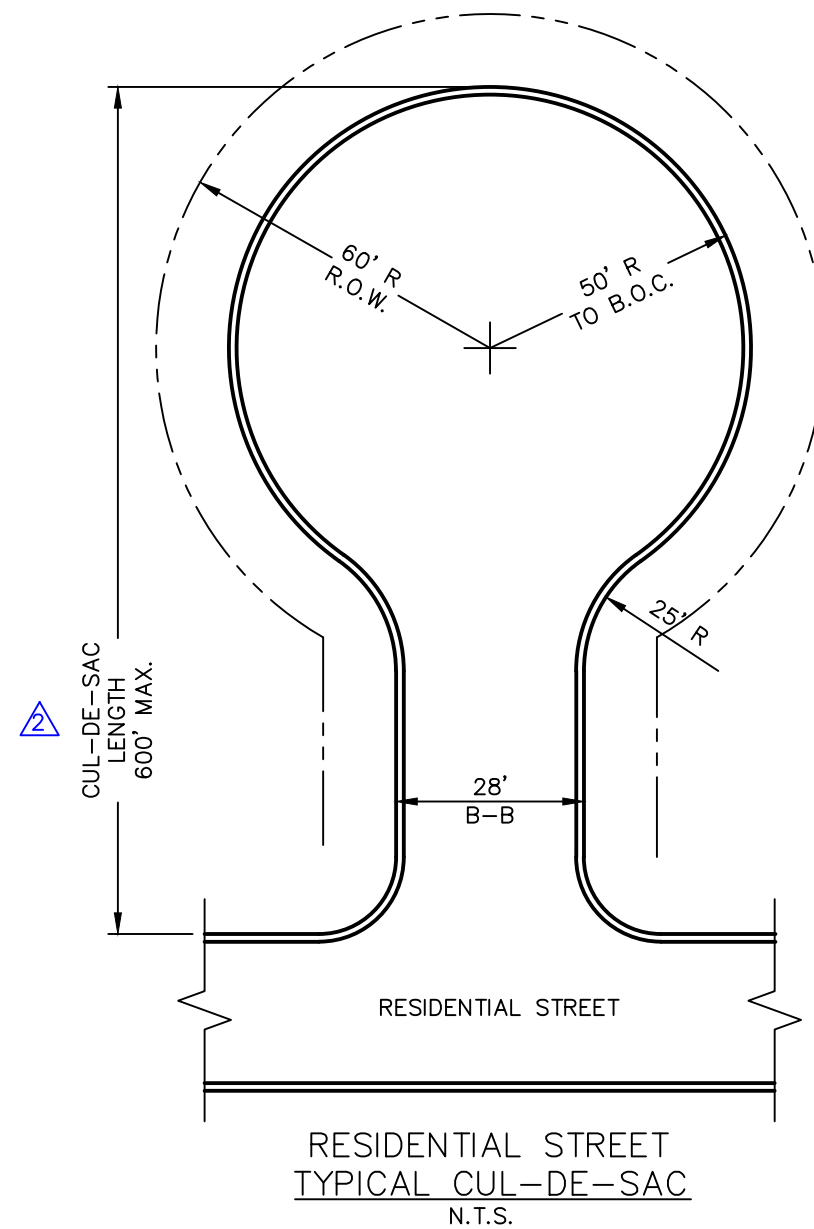
W STREET WIDTH	A	R.O.W. WIDTH	P	PARABOLIC CROWN HEIGHT	PAVEMENT THICKNESS
28'	14'	VARIES	VARIES	6"	6" ②

RESIDENTIAL STREET
ONE TRAVEL LANE & TWO PARKING LANES
N.T.S.

NOTES:

1. MIN. PAVEMENT STRENGTH SHALL BE CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
4. PAVEMENT SURFACE FINISH SHALL BE PARALLEL TO TRAFFIC LANES AND SHALL BE BAKER BROOM FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
6. IF SPECIFIED, CHANNELIZING RAISED PAVEMENT MARKER (R.P.M.), 4" TYPE 290 OR APPROVED EQUAL, SHALL BE INSTALLED OFF PAVEMENT JOINT. SEE STANDARD CONSTRUCTION DETAIL 2195 FOR MORE INFORMATION.
7. RESIDENTIAL STREETS GREATER THAN 28' B-B SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAIL 2030.
8. ANY OTHER RESIDENTIAL STREET SECTIONS LESS THAN 28' B-B WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AND WILL REQUIRE CITY ENGINEER AND FIRE MARSHAL APPROVAL.
9. CONCRETE STREET SECTION SHALL BE FORMED BY A SELF-PROPELLED SLIP FORM PAVING MACHINE.

- ① SAWED LONGITUDINAL CONTRACTION JOINT ON PAVEMENT LESS THAN 8" THICK. KEY WAY CONSTRUCTION JOINT ON PAVEMENT WITH THICKNESS OF 8" OR GREATER. SEE STANDARD CONSTRUCTION DETAIL 2050.
- ② OR AS SPECIFIED BY CITY.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

REINFORCED CONCRETE PAVEMENT

28' B-B RESIDENTIAL STREET

CITY OF COPPELL DALLAS COUNTY, TEXAS

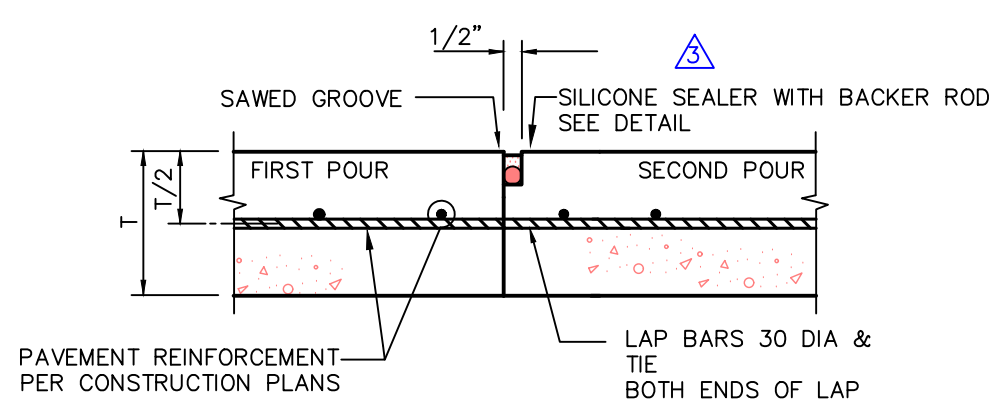
STD. SPEC.
REFERENCE
301., 303.

STANDARD DETAIL

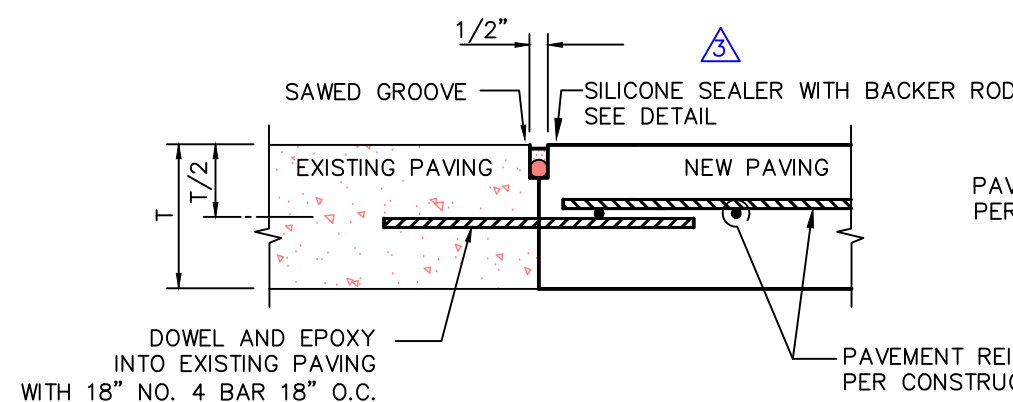
2035

②	EXTEND 600' DIMENSION TO BACK OF CUL-DE-SAC.	JB	APR. '19
①	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19
NO.	LOCAL EXCEPTION	BY	DATE

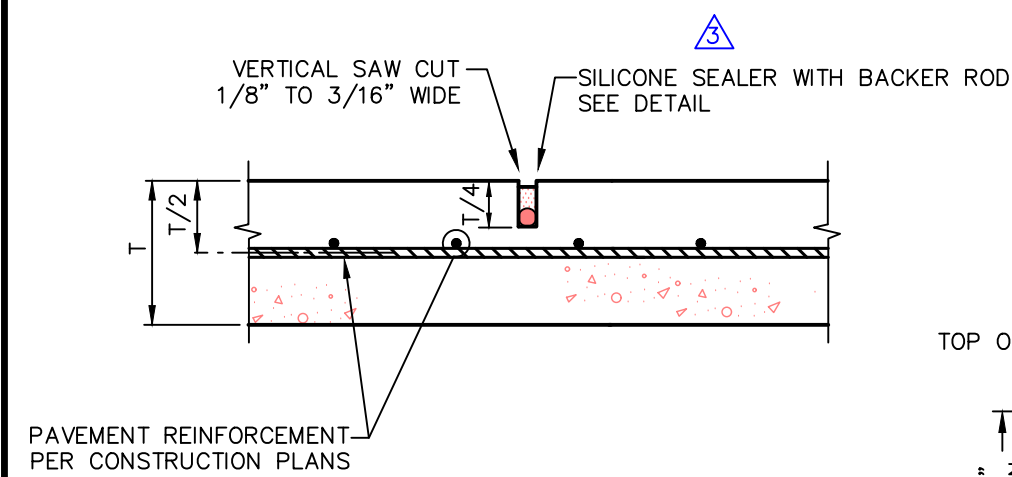
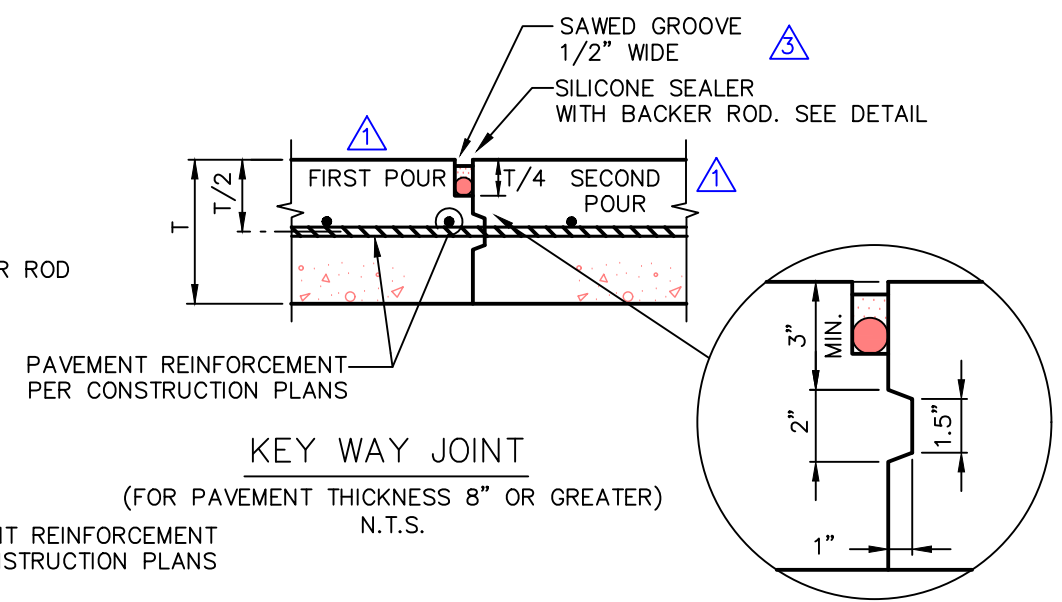




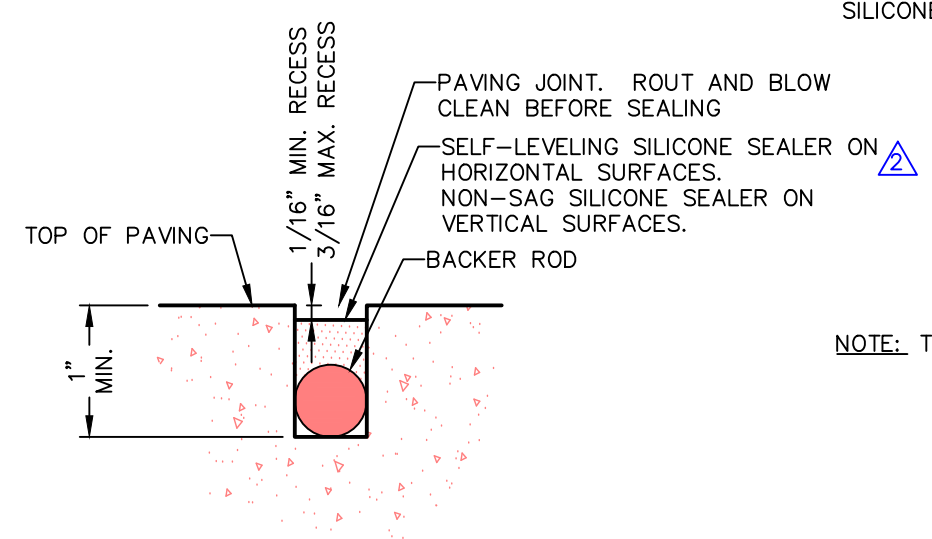
CONSTRUCTION JOINT – NEW CONSTRUCTION
(FOR PAVEMENT THICKNESS 7" OR LESS)
N.T.S.



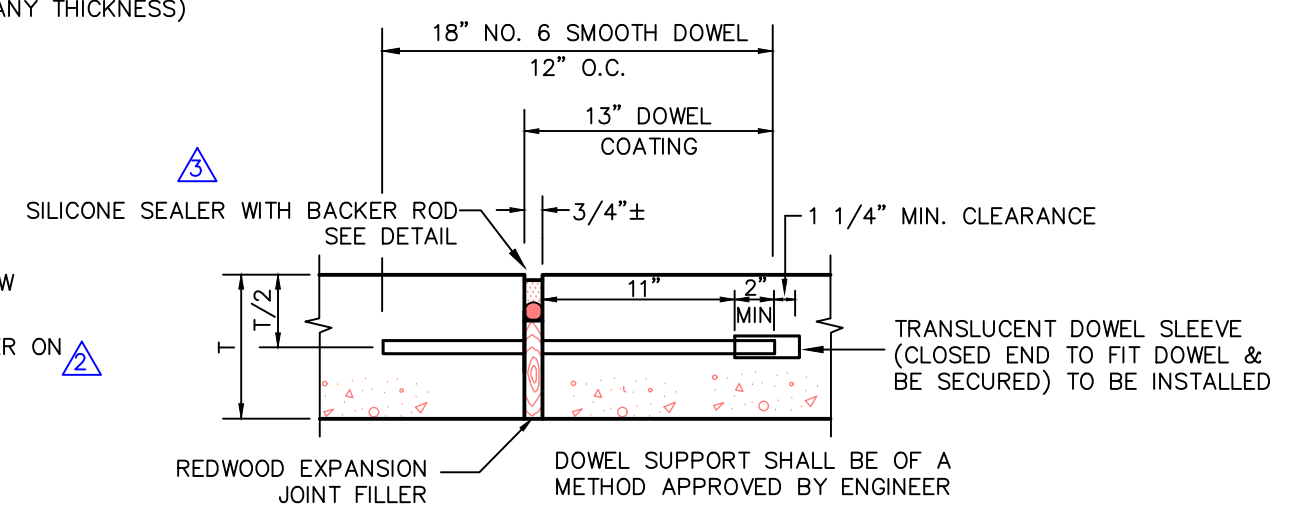
CONSTRUCTION JOINT – PAVING REPAIR
(FOR CONCRETE PAVEMENT REPAIR, ANY THICKNESS)
N.T.S.



SAWED CONTRACTION JOINT
N.T.S.



JOINT SEALING DETAIL
N.T.S.



NOTE: THE USE OF WOOD TO SUPPORT AND/OR SECURE REDWOOD EXPANSION JOINT FILLER, STEEL REINFORCEMENT OR FORMS IS PROHIBITED.

EXPANSION JOINT
(SPACED 500 FT. MAXIMUM; LOCATE AT
STRUCTURES AND AT INTERSECTION P.C.'S & P.T.'S)
N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

3	DELETE "SELF-LEVELING" FROM CALLOUT.	SWL	AUG. '19
2	ADD TO USE NON-SAG SEALANT ON VERTICAL CURB SURFACES.	JB	APR. '19
1	ADD "FIRST POUR" AND "SECOND POUR" TO KEY WAY JOINT DETAIL.	SWL	JUL. '19
NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

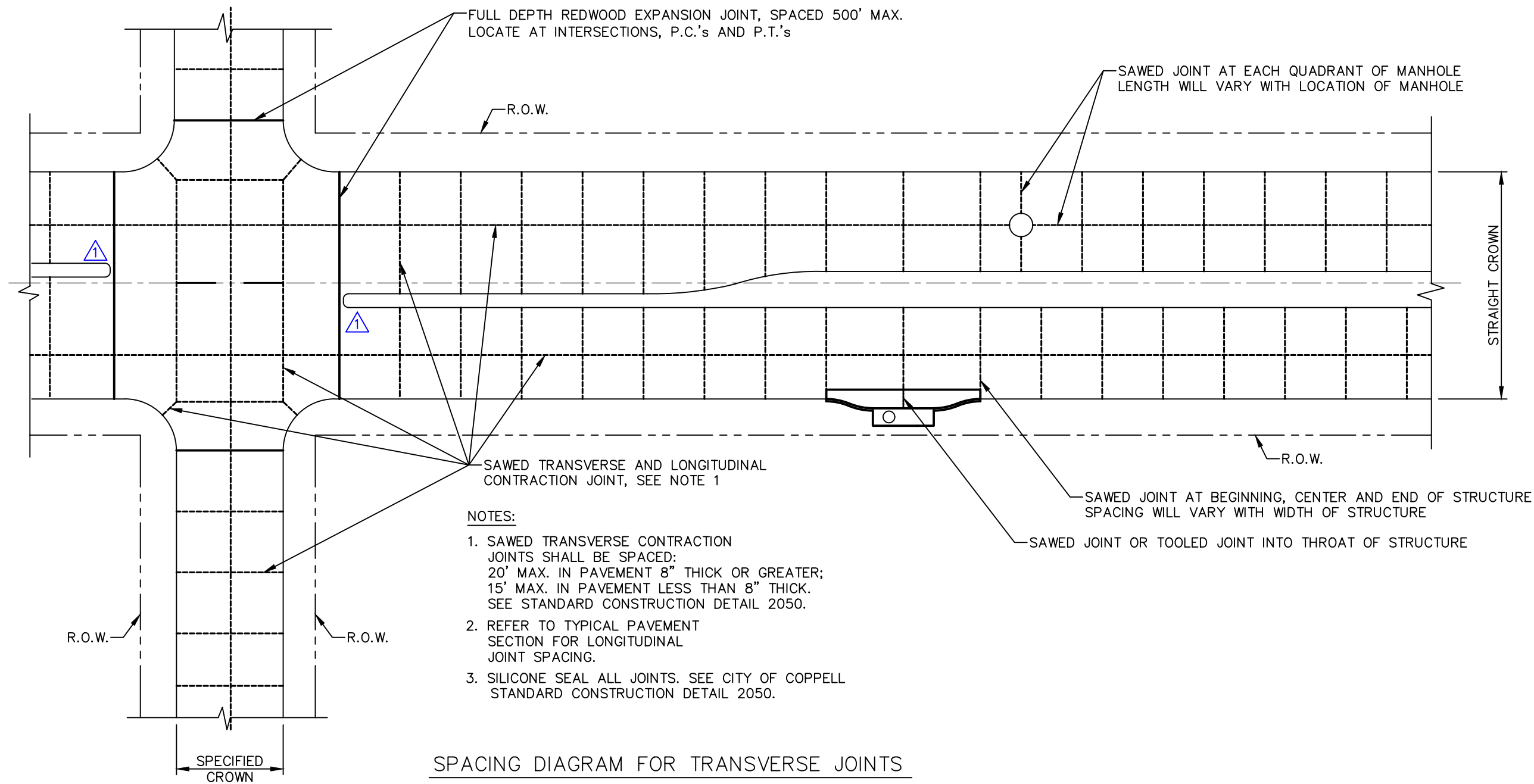
**REINFORCED CONCRETE PAVEMENT
PAVEMENT JOINTS**

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
303., 401.

STANDARD DETAIL

2050



NOTES:

1. SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED:
20' MAX. IN PAVEMENT 8" THICK OR GREATER;
15' MAX. IN PAVEMENT LESS THAN 8" THICK.
SEE STANDARD CONSTRUCTION DETAIL 2050.
2. REFER TO TYPICAL PAVEMENT SECTION FOR LONGITUDINAL JOINT SPACING.
3. SILICONE SEAL ALL JOINTS. SEE CITY OF COPPELL STANDARD CONSTRUCTION DETAIL 2050.

SPACING DIAGRAM FOR TRANSVERSE JOINTS
N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



MOVED MEDIAN NOSES AWAY FROM EXPANSION JOINT.

NO.

LOCAL EXCEPTION

KG

BY

SEP. '20

DATE



STANDARD CONSTRUCTION DETAILS

REINFORCED CONCRETE PAVEMENT

TRANSVERSE JOINT SPACING

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
303., 401.

STANDARD DETAIL

2060



- North Central Texas Council of Governments



NO.	LOCAL EXCEPTION	BY	DATE
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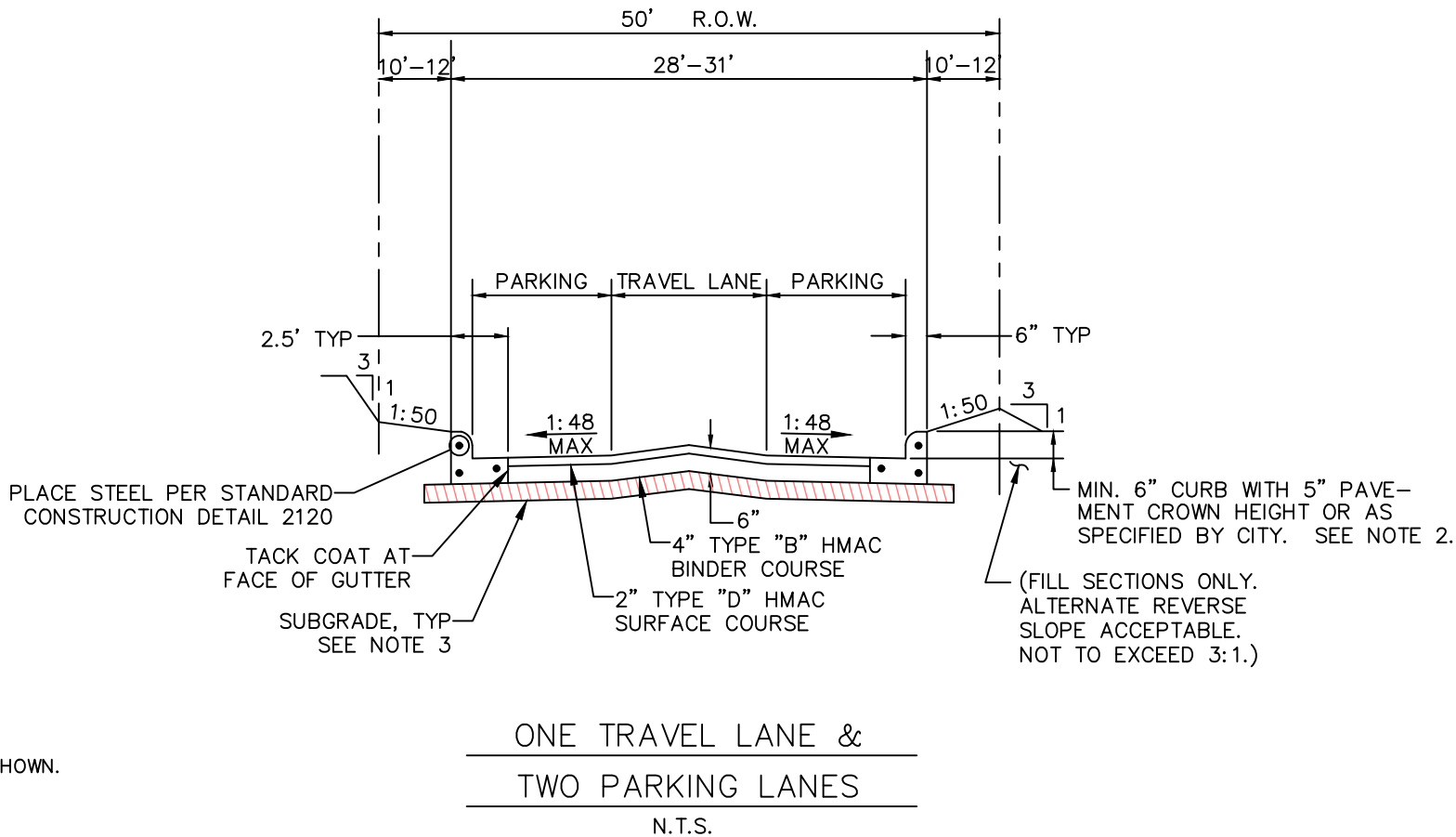


CITY OF COPPELL DALLAS COUNTY, TEXAS

2070

NOTES:

- 1. ASPHALT PAVING BETWEEN CONCRETE CURB/GUTTER SHALL CONSIST OF A TYPE "B" BASE COURSE AND A TYPE "D" TOP COURSE. PAVING SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT A CONCENTRATED LOAD OF 40,000 POUNDS.
- 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
- 3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
- 4. PAVEMENT SURFACE FINISH SHALL BE SMOOTH AND UNIFORM. EACH PAVING COURSE SHALL HAVE A DENSITY OF NOT LESS THAN 95% OF THE STANDARD DENSITY ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION BULLETIN C-14.
- 5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
- 6. FOR TRANSVERSE JOINT SPACING, SEE STANDARD CONSTRUCTION DETAIL 2060.
- 7. ASPHALT PAVING IS PERMITTED ONLY WITHIN THE HISTORIC OVERLAY ZONING DISTRICT AND ONLY WHEN AUTHORIZED BY A SPECIAL USE PERMIT (S.U.P.) APPROVED BY THE CITY COUNCIL.
- 8. ASPHALT PAVING NOT PERMITTED FOR NEW CONSTRUCTION OUTSIDE OF THE HISTORIC OVERLAY ZONING DISTRICT.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

HOT MIX ASPHALTIC CONCRETE PAVEMENT
TWO LANE UNDIVIDED THOROUGHFARE

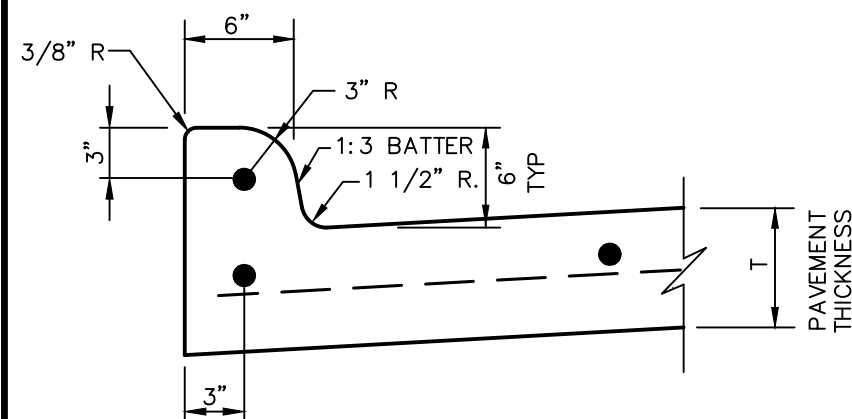
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 302., 305.

STANDARD DETAIL

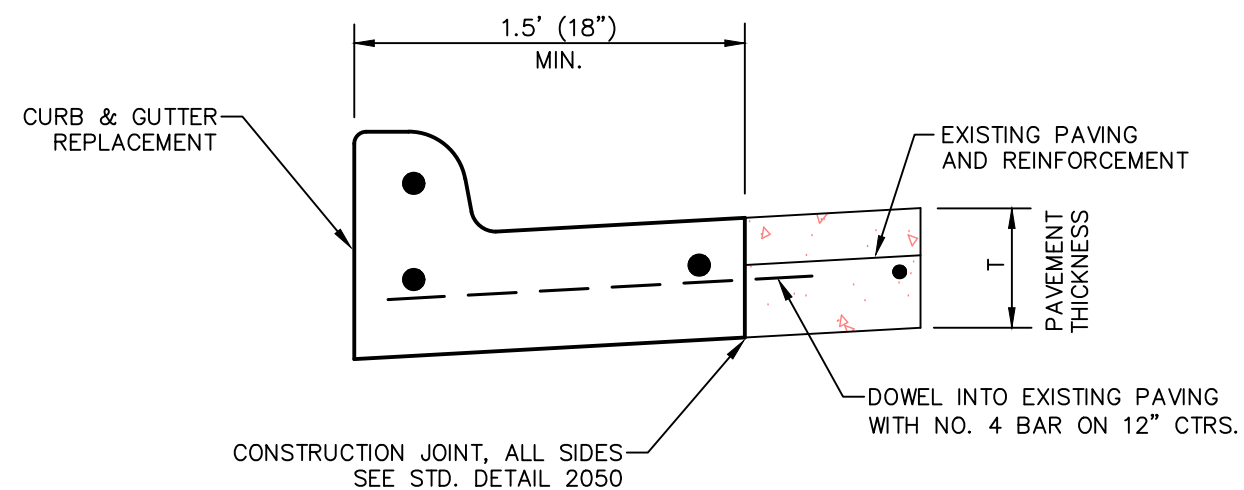
2110

NO.	LOCAL EXCEPTION	BY	DATE



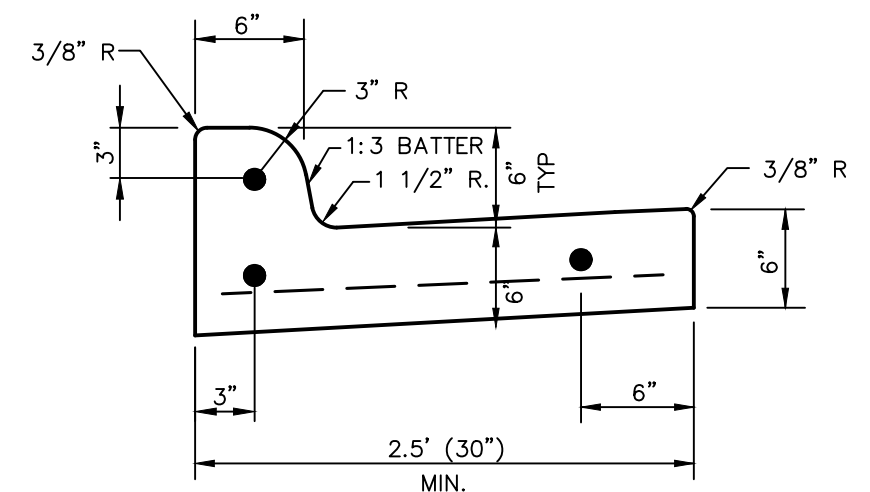
INTEGRAL CURB AND GUTTER

N.T.S.



CURB AND GUTTER REPAIR

N.T.S.



SEPARATE CURB & GUTTER

N.T.S.



NOTES:

1. REINFORCEMENT SHALL BE NO. 4 BARS UNLESS OTHERWISE SPECIFIED.
2. CONCRETE SHALL BE CLASS "C" 3600 PSI, UNLESS OTHERWISE SPECIFIED.

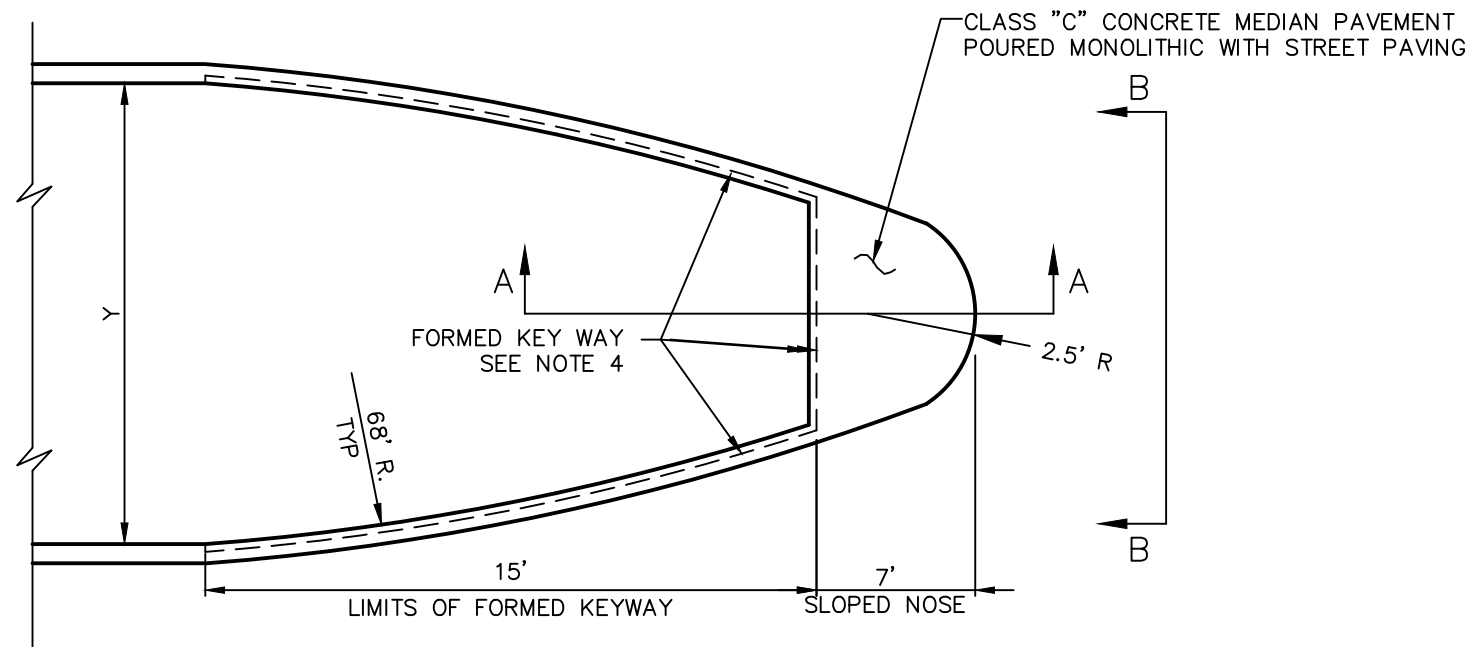
North Central Texas Council of Governments



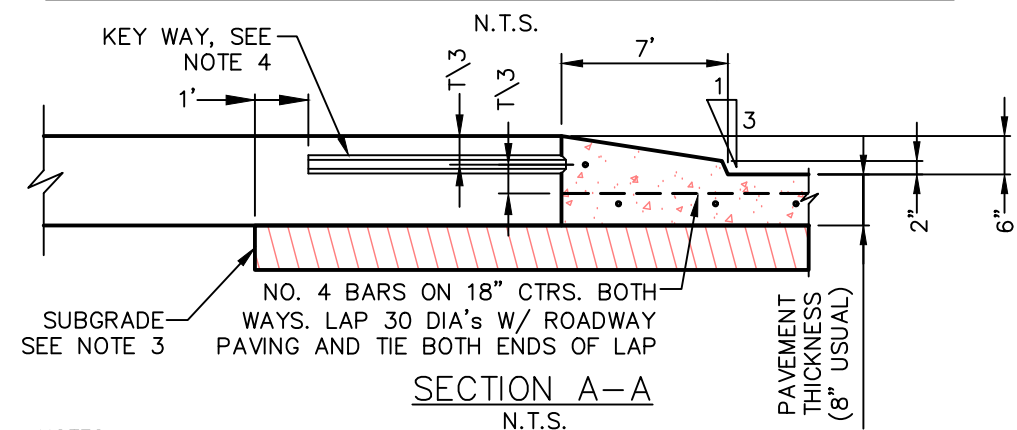
NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 303., 305.
					CONCRETE CURB AND GUTTER INTEGRAL AND SEPARATE	
						STANDARD DETAIL 2120
	ADD "3600 PSI" TO NOTE 2.	JB	APR. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	

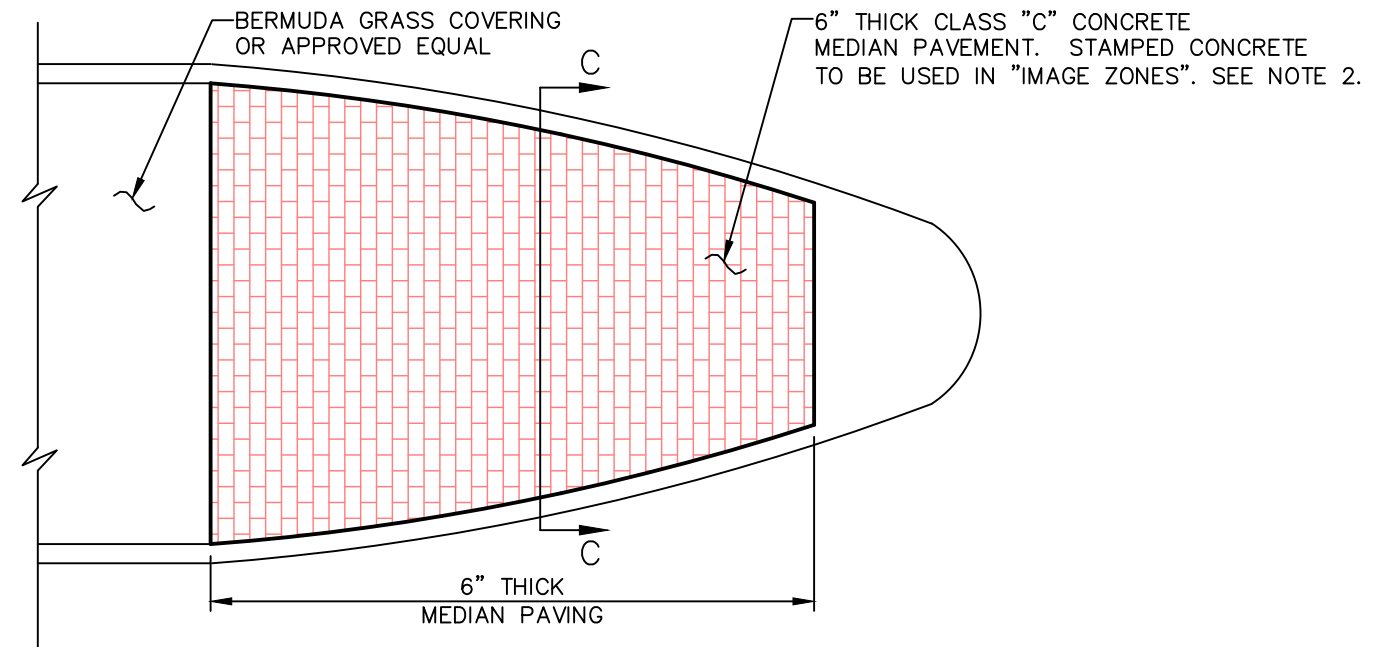
2130



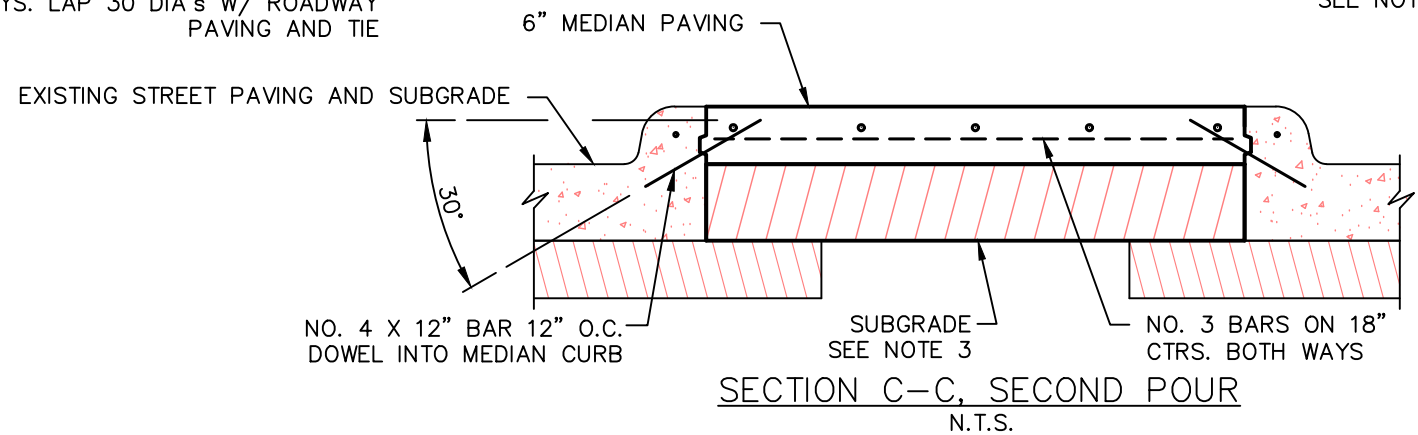
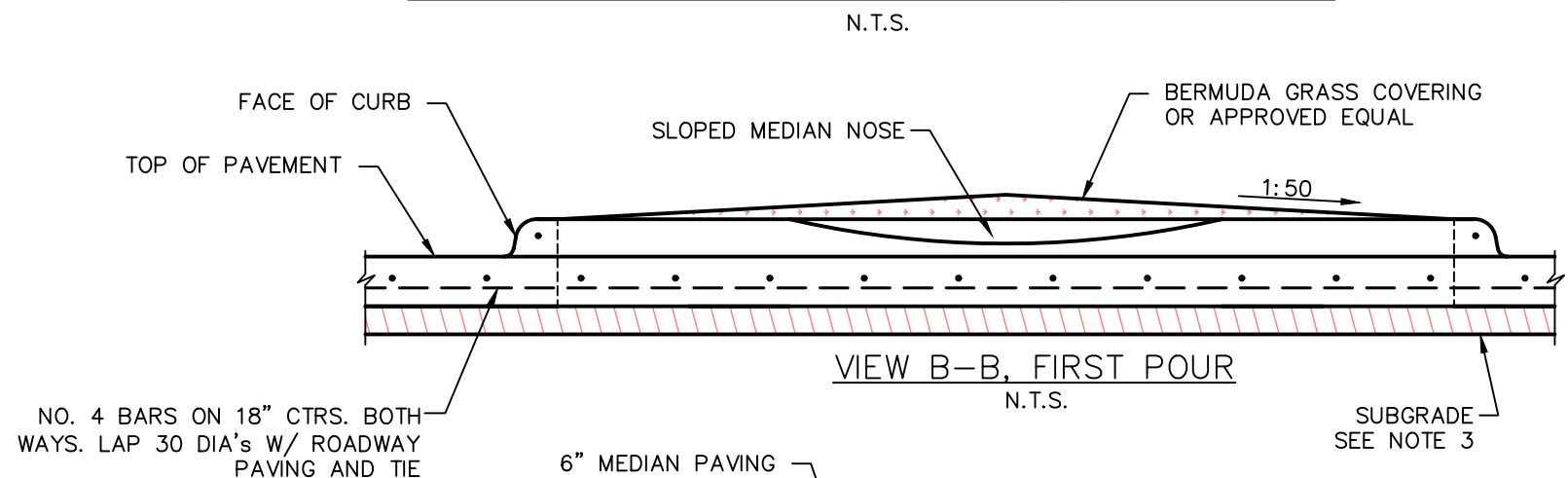
CONCRETE NOSE FOR MEDIAN ISLAND, FIRST POUR



- NOTES:**
1. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN
 2. STAMPED, COLORED CONCRETE MEDIAN PAVING SHALL BE USED IN CONSTRUCTION LOCATIONS DESIGNATED AS "IMAGE ZONES" BY THE STREETSCAPE PLAN SECTION OF THE CITY OF COPPELL SUBDIVISION ORDINANCE AND THE CITY OF COPPELL STAMPED CONCRETE ORDINANCE 2002-979. STANDARD CONCRETE MEDIAN PAVING SHALL BE USED IN LOCATIONS THAT ARE NOT DESIGNATED AS "IMAGE ZONES".
 3. SUBGRADE (MIN. REQUIREMENTS-UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ± 40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
 4. SEE STANDARD CONSTRUCTION DETAIL 2050 FOR KEY WAY DIMENSIONS



CONCRETE NOSE FOR MEDIAN ISLAND, SECOND POUR



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

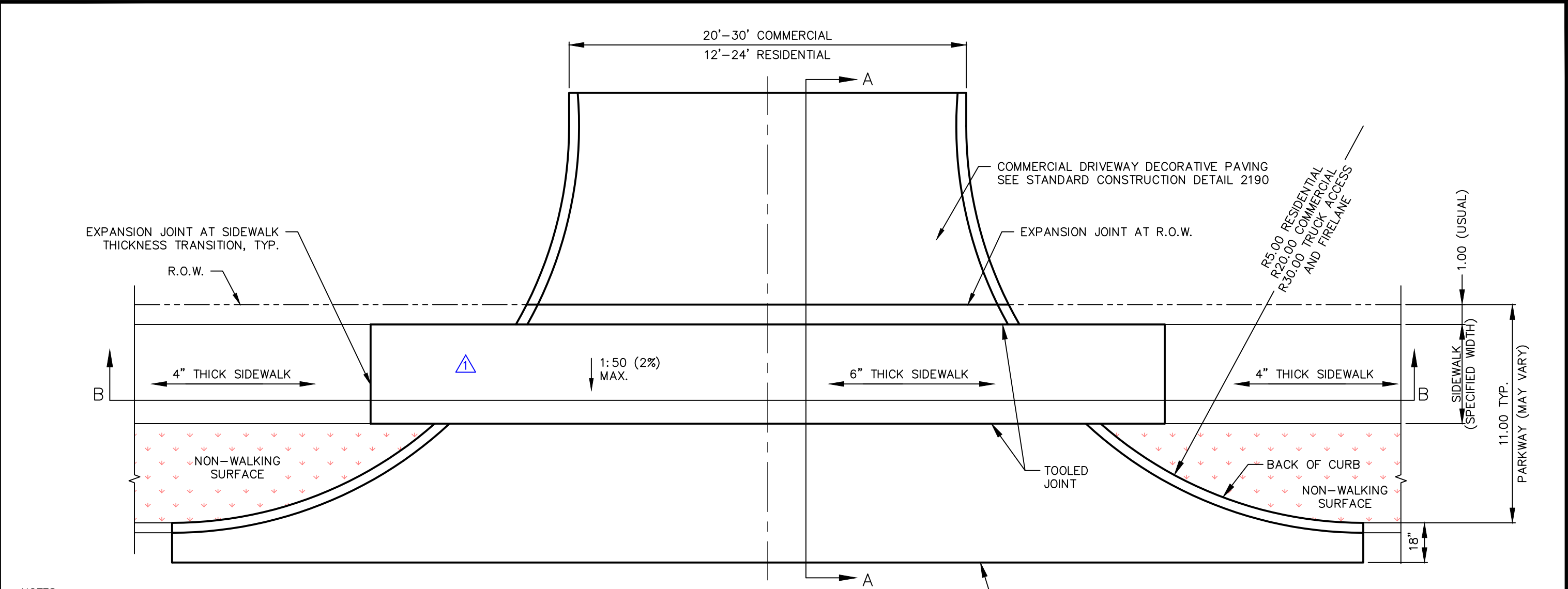
MEDIAN ISLAND PAVEMENT
MEDIAN ISLAND WITH SLOPE-END NOSE

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303., 305.
STANDARD DETAIL

2140

NO.	LOCAL EXCEPTION	BY	DATE
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NOTES:

- 1

1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" – CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
- 2

2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
- 3

3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
- 4

4. PAVEMENT SURFACE FINISH SHALL BE TRANSVERSE TO TRAFFIC LANES AND SHALL BE BAKER BROOM FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
- 5

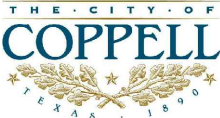
5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
- 3

6. WIDTHS AND SLOPES MAY VARY. ALL ACCESSIBLE ROUTES MUST COMPLY WITH A.D.A. REGULATIONS, T.A.S. REGULATIONS AND TxDot PED 18.

North Central Texas Council of Governments

NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

<div>3</div>	ADD "TxDot PED 18" TO NOTE 6.	JB	APR. '19
<div>2</div>	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19
<div>1</div>	DELETED DETECTABLE WARNING AND CALLOUT.	JB	APR. '19
NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

DRIVEWAY APPROACH

TYPE "A"

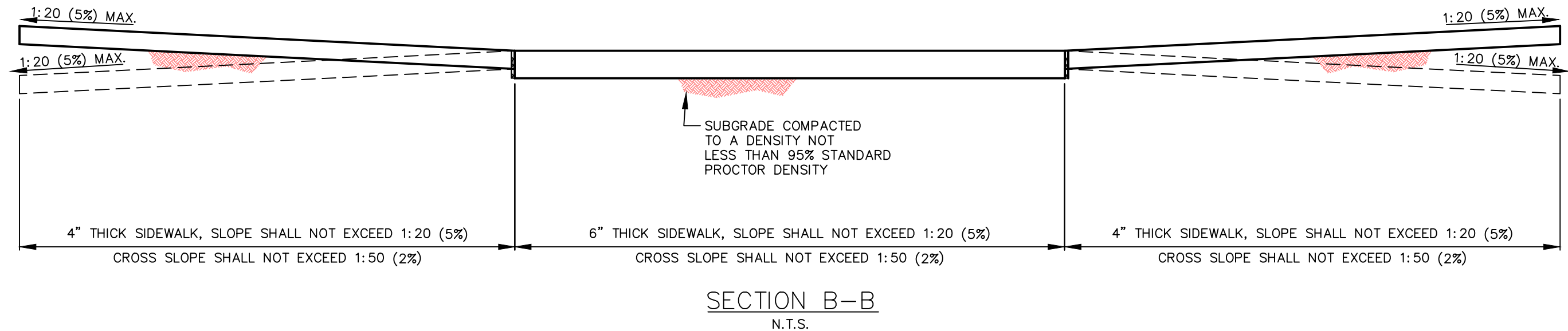
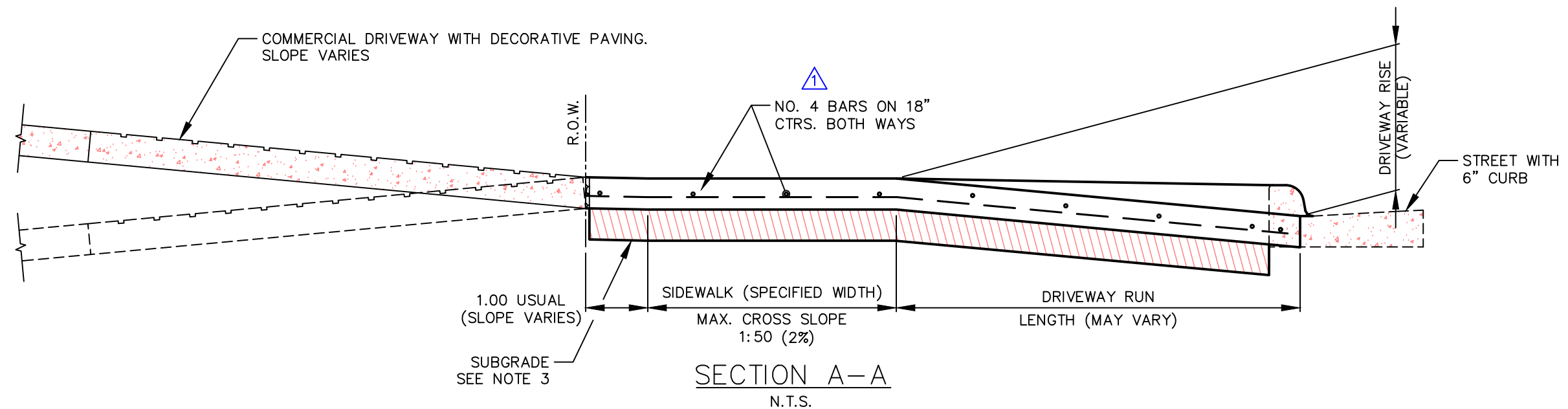
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE

301., 303., 305.

STANDARD DETAIL

2150-1

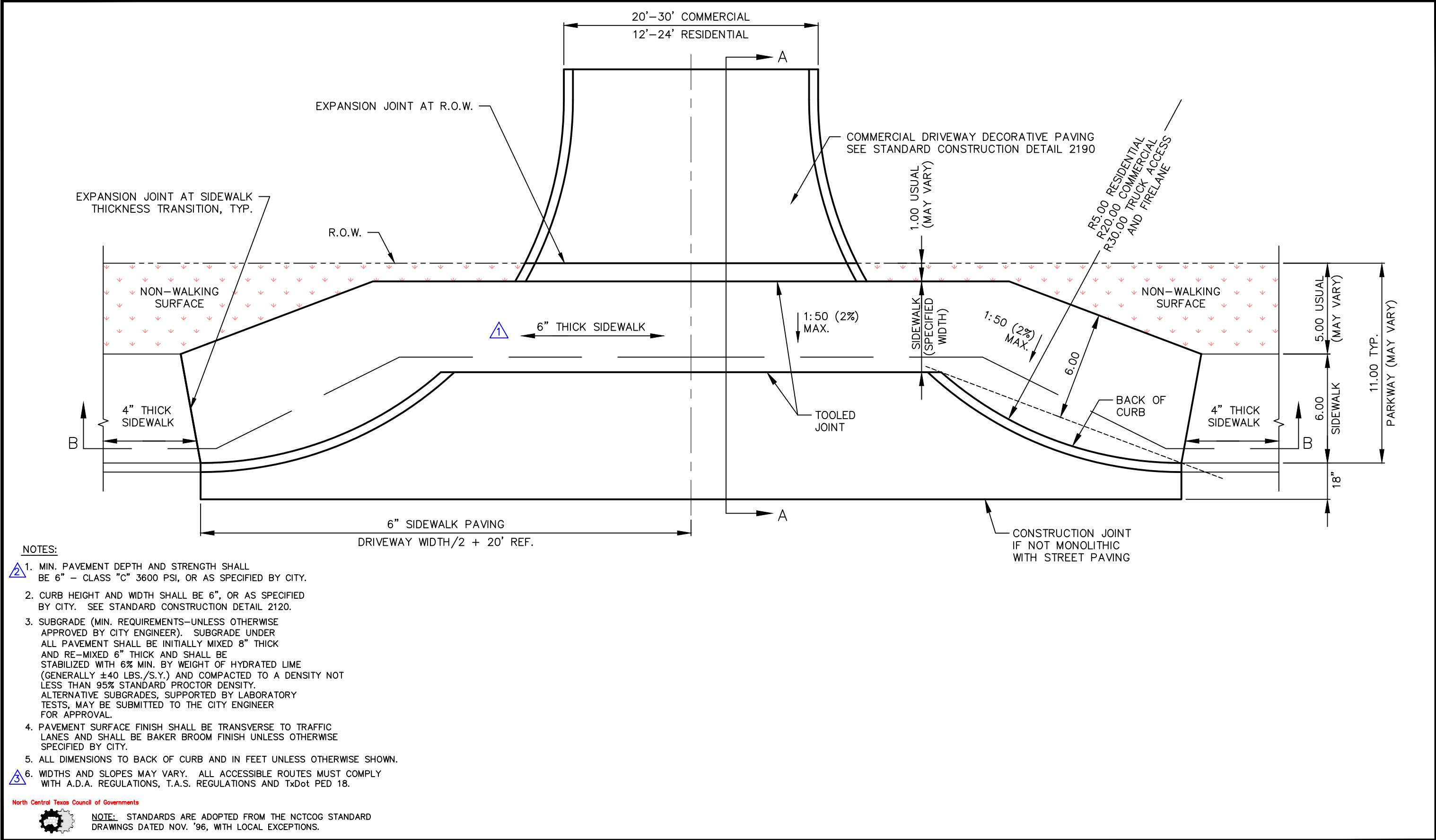


- NOTES:
1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
 3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

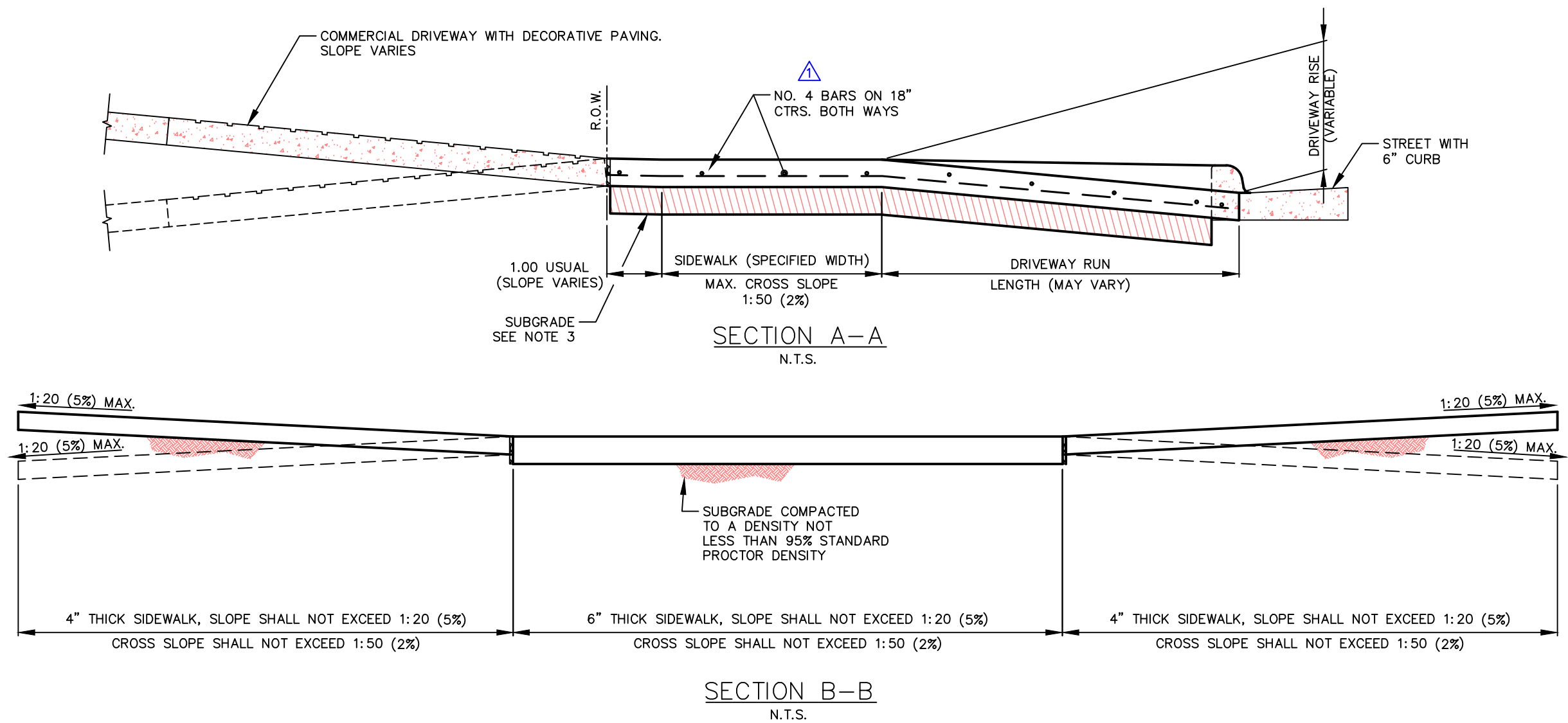
North Central Texas Council of Governments

NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
	ADD "3600 PSI" TO NOTE 1.		JB	APR. '19	DRIVEWAY APPROACH TYPE "A"	301., 303., 305.
	CHANGED REINFORCEMENT FROM NO. 3 BARS TO NO. 4 BARS.		SWL	JUL. '19		STANDARD DETAIL
NO.	LOCAL EXCEPTION		BY	DATE	CITY OF COPPELL DALLAS COUNTY, TEXAS	
						2150-2







				<div><div></div><div>THE CITY OF COPPELL TEXAS 1890</div></div>	STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 301., 303., 305.
3	ADD "TxDot PED 18" TO NOTE 6.	JB	APR. '19			STANDARD DETAIL 2155-1
2	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
1	DELETED DETECTABLE WARNING AND CALLOUT.	JB	APR. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	



- NOTES: 2
1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" – CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
 3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

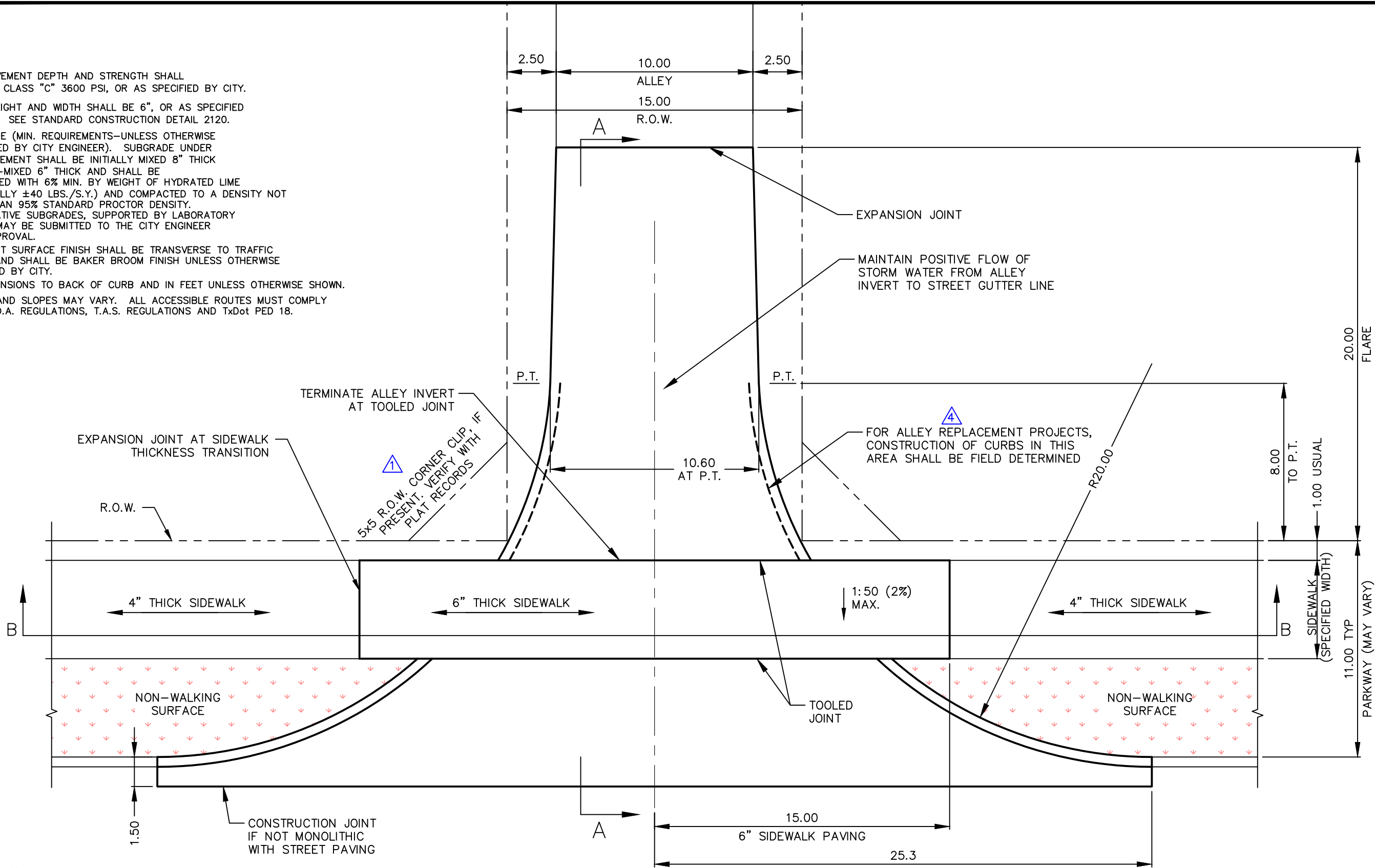
North Central Texas Council of Governments

 NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 301., 303., 305. STANDARD DETAIL 2155-2
					DRIVEWAY APPROACH TYPE "B"	
	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
	CHANGED REINFORCEMENT FROM NO. 3 BARS TO NO. 4 BARS.	SWL	JUL. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	

NOTES:

1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
3. SUBGRADE (MIN. REQUIREMENTS-UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
4. PAVEMENT SURFACE FINISH SHALL BE TRANSVERSE TO TRAFFIC LANES AND SHALL BE BAKER BROOM FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
6. WIDTHS AND SLOPES MAY VARY. ALL ACCESSIBLE ROUTES MUST COMPLY WITH A.D.A. REGULATIONS, T.A.S. REGULATIONS AND TxDOT PED 18.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

4	ADD CALLOUT TO FIELD DETERMINE CONSTRUCTION OF CURBS.	JB	APR. '19
3	ADD "TxDOT PED 18" TO NOTE 6.	JB	APR. '19
2	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19
1	ADD R.O.W. WITHOUT CORNER CLIP AND UPDATE CALLOUT.	JB	APR. '19
NO.	LOCAL EXCEPTION	BY	DATE

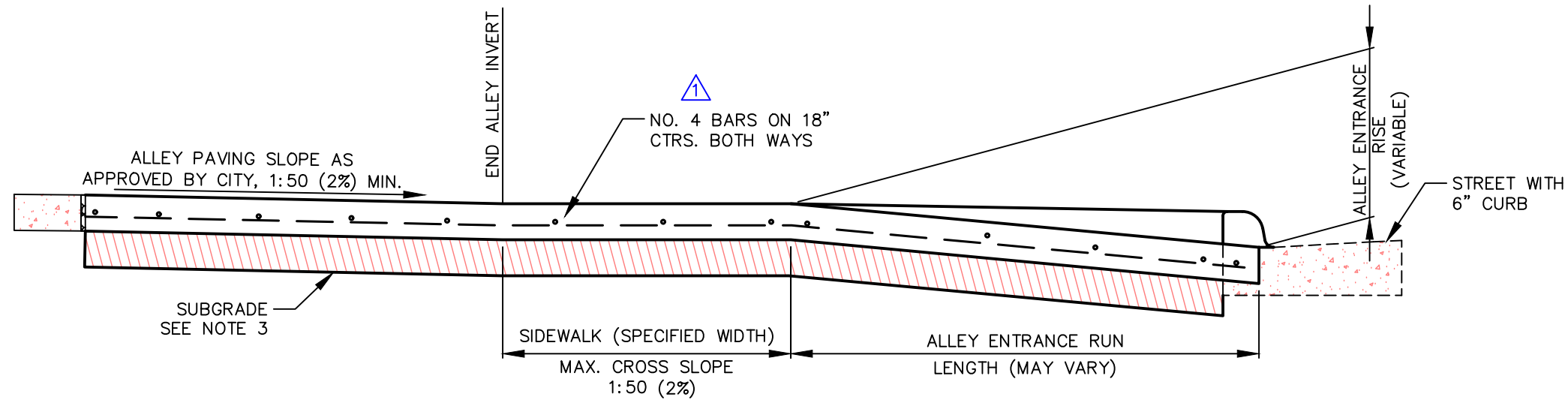


STANDARD CONSTRUCTION DETAILS

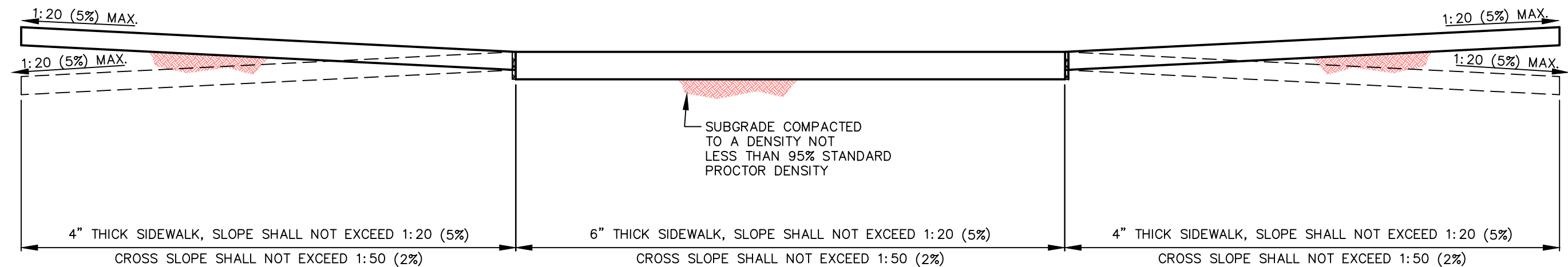
ALLEY APPROACH
RADIUS RETURN TYPE

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303., 305.
STANDARD DETAIL
2160-1



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.


NOTES: 2

1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ± 40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 301., 303., 305. STANDARD DETAIL 2160-2
2	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
1	CHANGED REINFORCEMENT FROM NO. 3 BARS TO NO. 4 BARS.	SWL	JUL. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	

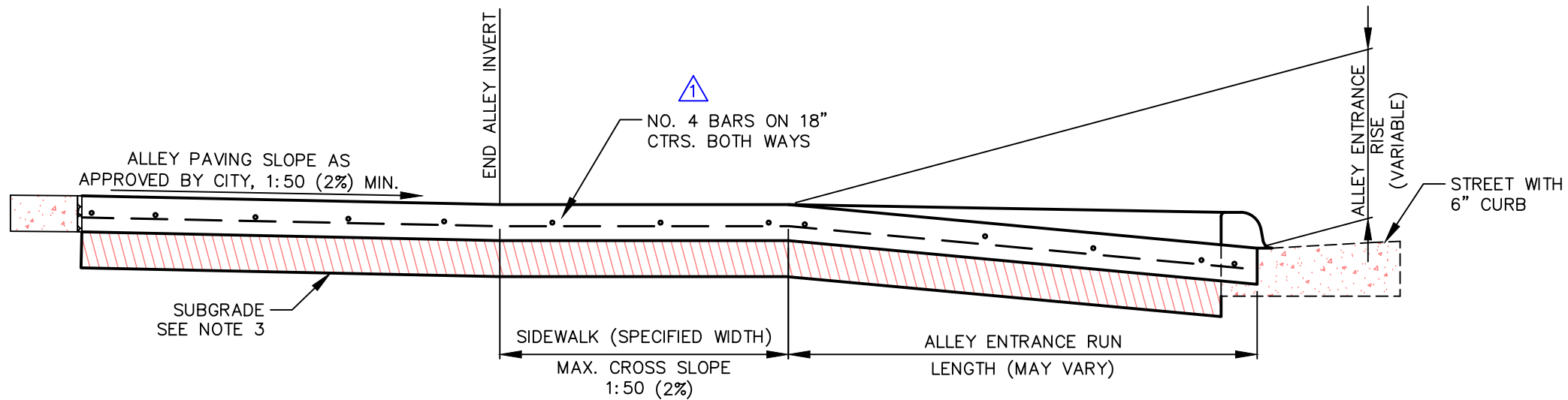
2 1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL
BE 6" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.

2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ± 40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
4. PAVEMENT SURFACE FINISH SHALL BE TRANSVERSE TO TRAFFIC LANES AND SHALL BE BAKER BROOM FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
6. WIDTHS AND SLOPES MAY VARY. ALL ACCESSIBLE ROUTES MUST COMPLY WITH A.D.A. REGULATIONS, T.A.S. REGULATIONS AND TxDOT PED 18.

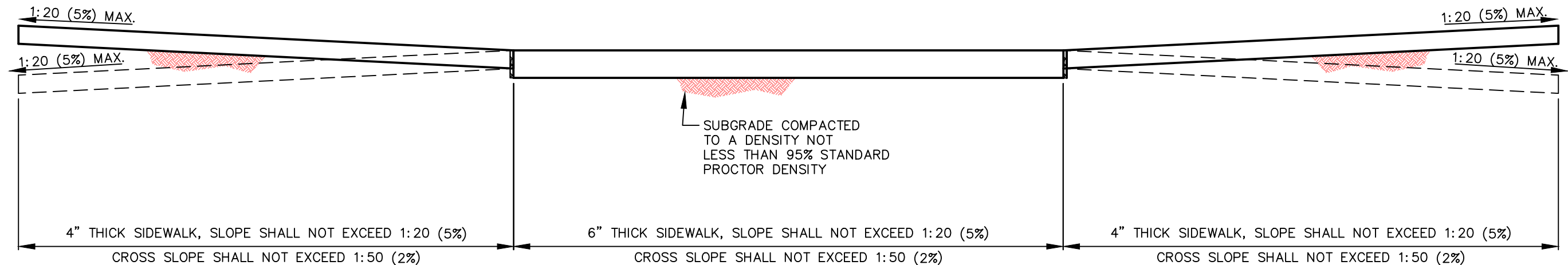


NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

5	ADD "PREFERRED".	JB	APR. '19		STANDARD CONSTRUCTION DETAILS ALLEY APPROACH REPLACEMENT FLARED TYPE (PREFERRED) 	STD. SPEC. REFERENCE
4	ADD CALLOUT TO FIELD DETERMINE CONSTRUCTION OF CURBS.	JB	APR. '19			301., 303., 305.
3	ADD "TxDot PED 18" TO NOTE 6.	JB	APR. '19			
2	ADD "3600 PSI" TO NOTE 1.	JB	APR. '19			
1	ADD R.O.W. WITH CORNER CLIP AND UPDATE CALLOUT.	JB	APR. '19			STANDARD DETAIL
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	2165-1



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

NOTES:

1. MIN. PAVEMENT DEPTH AND STRENGTH SHALL BE 6" - CLASS "C" 3600 PSI, OR AS SPECIFIED BY CITY.
2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ± 40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

	ADD "3600 PSI" TO NOTE 1.		JB	APR. '19		
	CHANGED REINFORCEMENT FROM NO. 3 BARS TO NO. 4 BARS.		SWL	JUL. '19		
NO.	LOCAL EXCEPTION		BY	DATE		



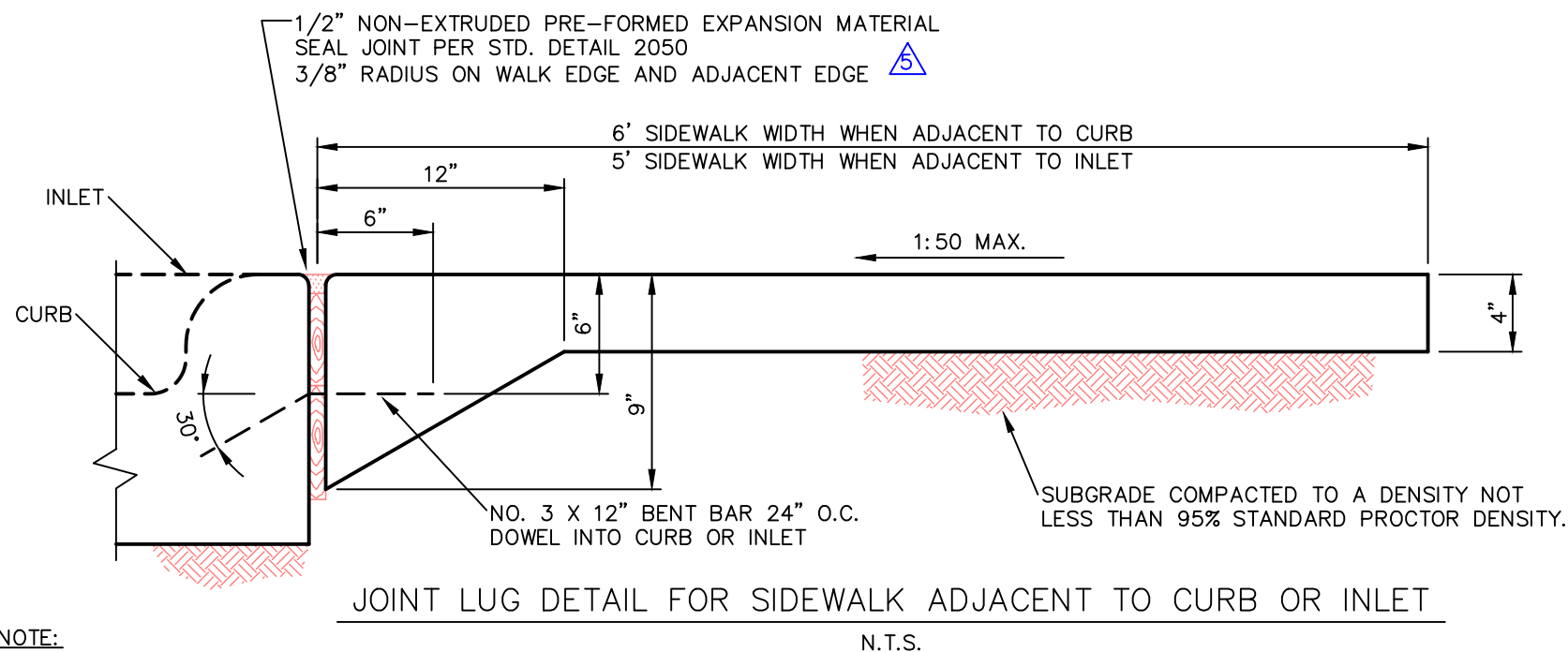
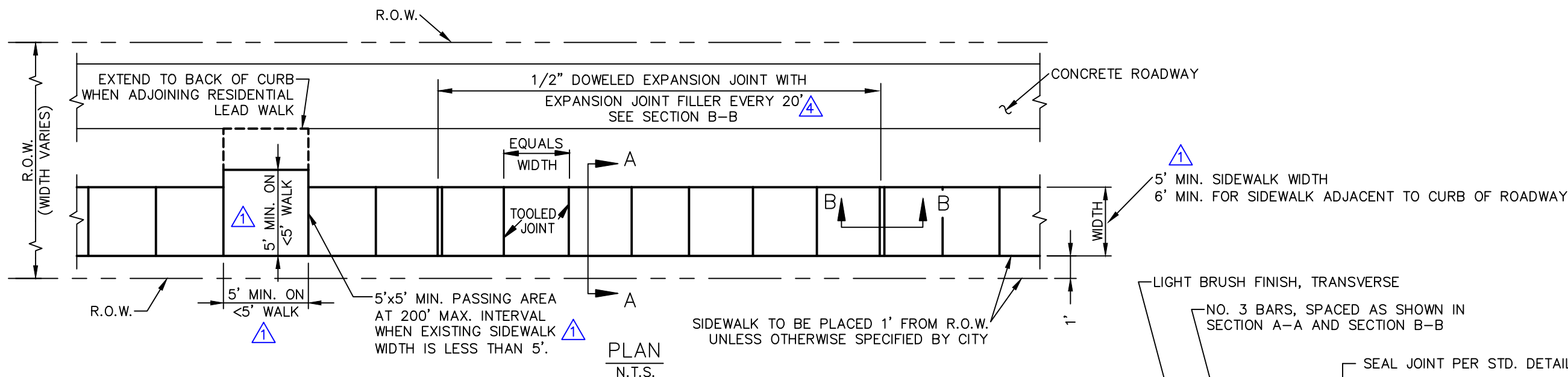
STANDARD CONSTRUCTION DETAILS

ALLEY APPROACH REPLACEMENT
FLARED TYPE

CITY OF COPPELL DALLAS COUNTY, TEXAS

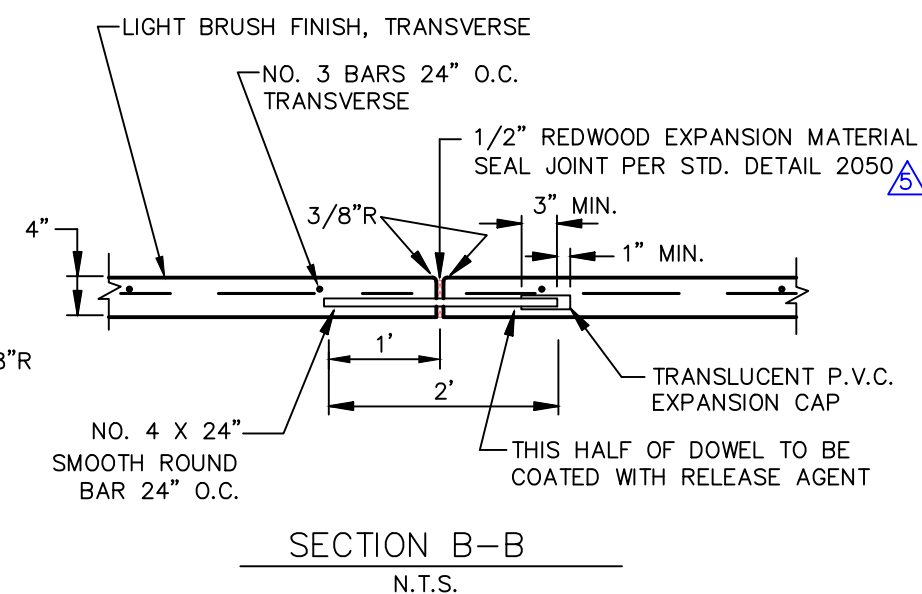
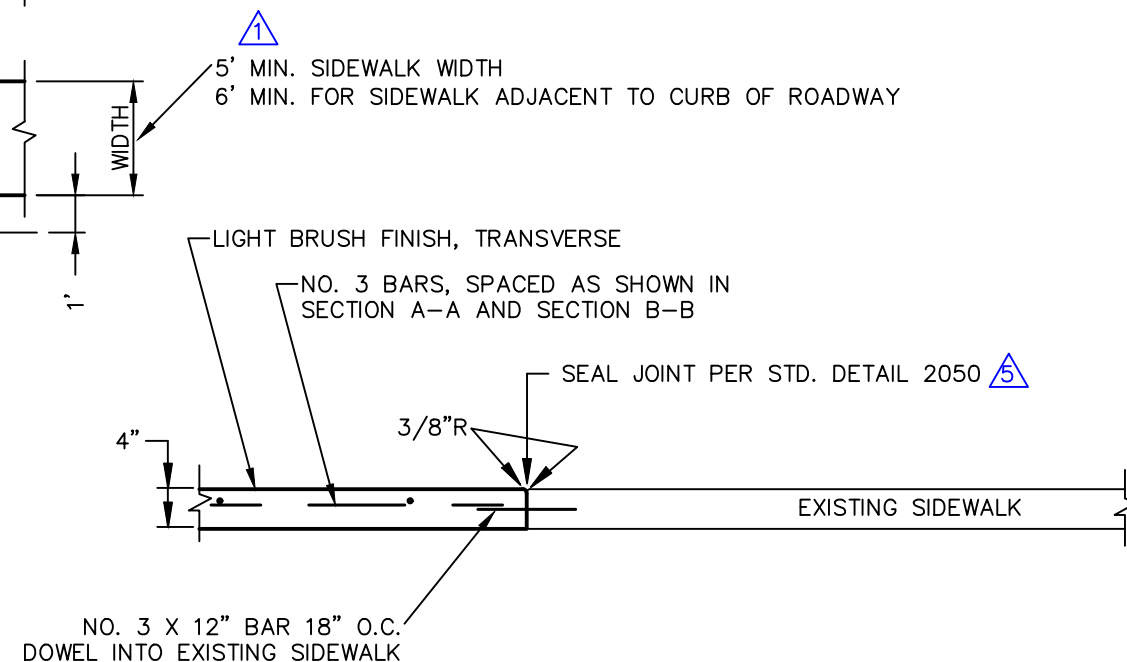
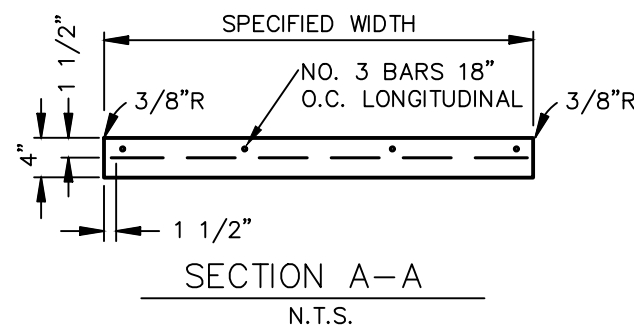
STD. SPEC.
REFERENCE
301., 303., 305.
STANDARD DETAIL

2165-2



NOTE:

1. WIRE MESH REINFORCEMENT IS NOT PERMITTED.
2. CROSS SLOPE OF SIDEWALK SHALL BE 1:50 MAX.
3. SIDEWALK WIDTH OTHER THAN 5'-0" MAY BE SPECIFIED BY CITY.
4. SIDEWALK SHALL BE CLASS "A" 3000 PSI CONCRETE UNLESS OTHERWISE SPECIFIED BY CITY.
5. ALL HONEYCOMB IN BACK OF CURB SHALL BE TROWEL-PLASTERED BEFORE POURING SIDEWALK.
6. LUG MAY BE FORMED BY SHAPING SUBGRADE TO APPROXIMATE DIMENSIONS SHOWN.
7. SIDEWALK SURFACE FINISH SHALL BE TRANSVERSE TO DIRECTION OF TRAVEL AND SHALL BE LIGHT BROOM FINISH.
8. WIDTHS AND SLOPES MAY VARY. ALL ACCESSIBLE ROUTES MUST COMPLY WITH A.D.A. REGULATIONS, T.A.S. REGULATIONS AND TxDot PED 18.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

5	REFERRED TO STANDARD CONSTRUCTION DETAIL 2050 FOR JOINT SEALING	JB	APR. '19
4	CHANGED EXPANSION JOINT SPACING FROM 40' TO 20'	JB	APR. '19
3	ADD "TxDot PED 18" TO NOTE 8.	JB	APR. '19
2	ADD "3000 PSI" TO NOTE 4.	JB	APR. '19
1	CHANGED SIDEWALK MINIMUM WIDTH FROM 4' TO 5', UPDATED CALLOUTS AND DIMENSIONS ACCORDINGLY	SWL	OCT. '19
NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

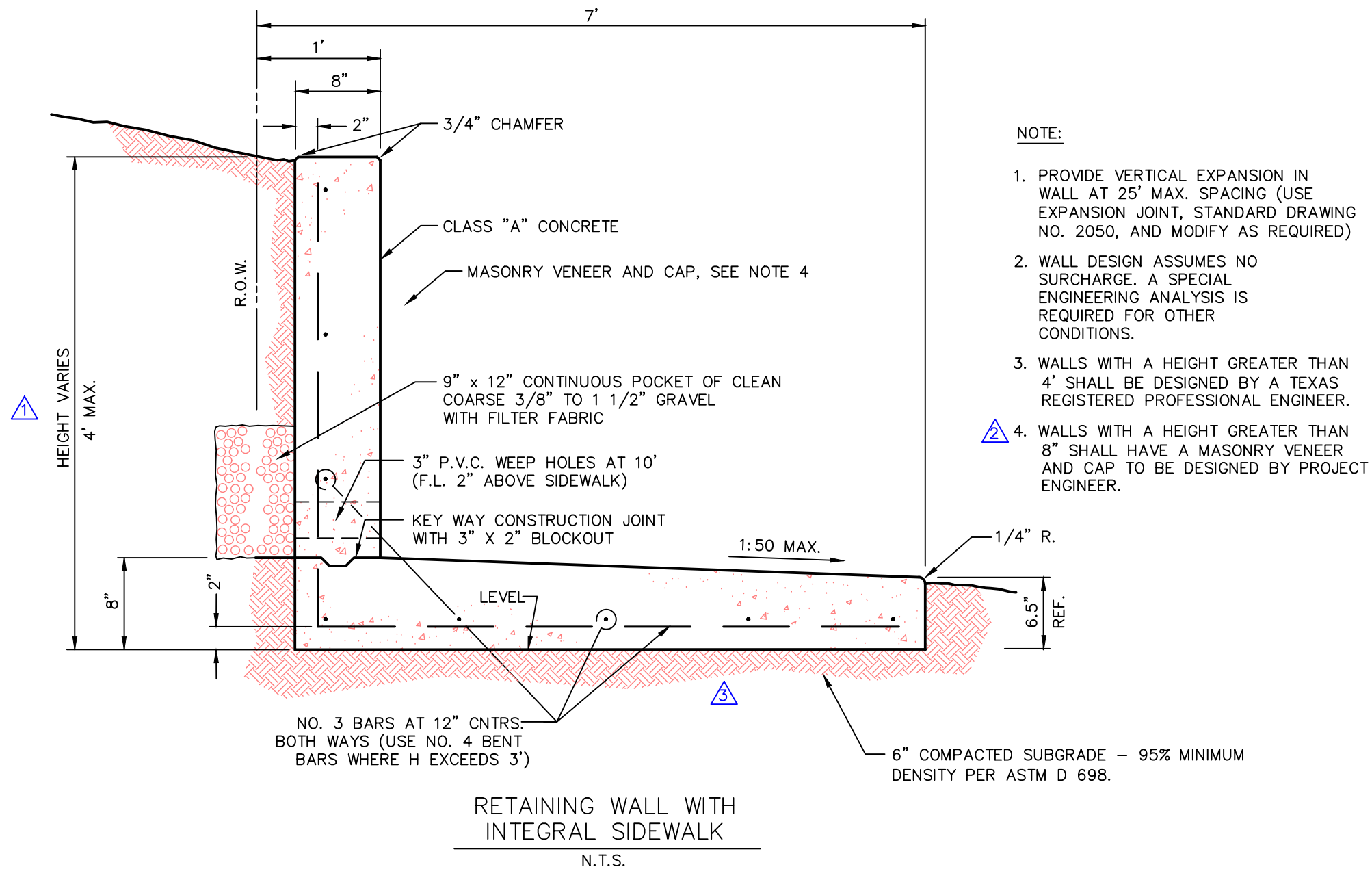
**REINFORCED CONCRETE SIDEWALK
JOINTS AND SPACING**

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
305., 401.

STANDARD DETAIL

2170



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.


NO.	LOCAL EXCEPTION	BY	DATE	THE CITY OF COPPELL	STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
3	DELETED CALLOUT FOR 1" OF CUSHION SAND UNDER SIDEWALK.	SWL	MAY '20		REINFORCED CONCRETE RETAINING WALL	303., 802.
2	ADD NOTE 4.	JB	FEB. '20		INTEGRAL WITH SIDEWALK	STANDARD DETAIL
1	CHANGED WALL HEIGHT DIMENSION TO MEASURE FROM BOTTOM OF FOUNDATION TO TOP OF WALL	CMSB	MAR. '20		CITY OF COPPELL DALLAS COUNTY, TEXAS	2180

⚠ FOR ACCESSIBLE ROUTE, RAMP AND CROSSWALK DETAILS, SEE
LATEST TEXAS DEPARTMENT OF TRANSPORTATION GUIDELINES

North Central Texas Council of Governments

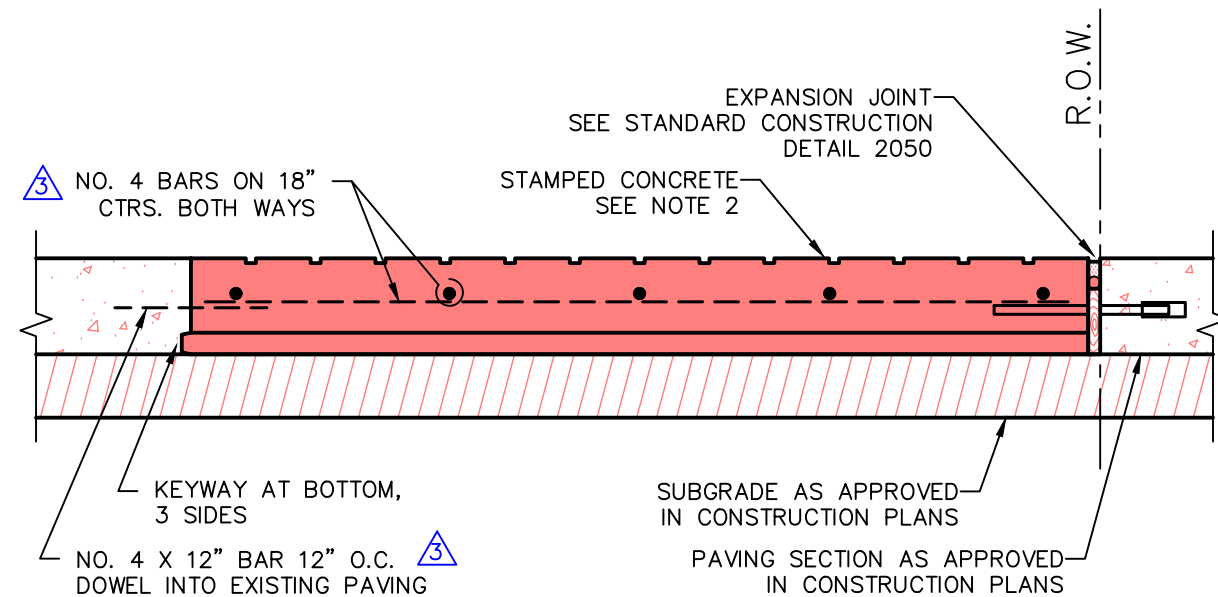


NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					ACCESSIBLE ROUTES, RAMPS AND CROSSWALKS	305.
					COLLECTOR STREETS AND THOROUGHFARES	STANDARD DETAIL
					CITY OF COPPELL DALLAS COUNTY, TEXAS	2185
⚠	REPLACED COPPELL STANDARD DETAILS WITH REFERENCE TO TxDOT GUIDELINES	GSM	AUG. '16			
NO.	LOCAL EXCEPTION	BY	DATE			


1. MIN. DECORATIVE PAVEMENT DEPTH SHALL BE 6". PAVEMENT STRENGTH, TYPE AND COLOR SHALL CONFORM TO THE CITY OF COPPELL STAMPED CONCRETE ORDINANCE 2002-979.
2. STAMPED, COLORED CONCRETE PAVING SHALL BE USED IN CONSTRUCTION LOCATIONS DESIGNATED AS "IMAGE ZONES" BY THE STREETScape PLAN SECTION OF THE CITY OF COPPELL SUBDIVISION ORDINANCE AND THE CITY OF COPPELL STAMPED CONCRETE ORDINANCE 2002-979.
3. SUBGRADE (MIN. REQUIREMENTS-UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ± 40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

-
- AREA OF STAMPED CONCRETE
- CONSTRUCTION JOINT, 3 SIDES
SEE STANDARD CONSTRUCTION
DETAIL 2050
- EXPANSION JOINT
- R.O.W.
- 1.50
- 8.00
- A
- A
- TYPICAL COMMERCIAL DRIVEWAY
SEE STANDARD CONSTRUCTION DETAIL 2150-1&2 AND 2155-1&2



SECTION A-A
N.T.S.

NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 301., 303., 305.
					COMMERCIAL DRIVEWAY DECORATIVE PAVING STAMPED CONCRETE	
3	CHANGED BAR SIZE FROM NO. 3 TO NO. 4.	SWL	JUL. '19			2190
2	REMOVED REFERENCES TO CONCRETE PAVERS.	JB	APR. '19			
1	CHANGED CONSTRUCTION JOINT FROM 4 SIDES TO 3 SIDES.	SWL	JUL. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	

CONCRETE PAVING GENERAL NOTES:

1. REINFORCED CONCRETE PAVEMENT:

A. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT UNLESS OTHERWISE APPROVED BY THE CITY.

B. CURBS SHALL MEET THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE PAVEMENT.

C. BAR LAPS SHALL BE 30 BAR DIAMETERS.

D. REINFORCING BARS SHALL BE SUPPORTED BY CHAIRS OR OTHER DEVICES APPROVED BY THE CITY.
2. IF THE ROADWAY IS A DESIGNATED BIKE ROUTE OR BIKE USAGE IS ANTICIPATED, REFER TO NCTCOG’S ”REGIONAL BICYCLE AND PEDESTRIAN FACILITIES DESIGN MANUAL”.
3. SUBGRADE (MIN. REQUIREMENTS–UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8” THICK AND RE–MIXED 6” THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.



STANDARD CLASSES OF PAVEMENT CONCRETE					
CLASS OF CONCRETE (1)	MINIMUM CEMENTITIOUS LB/CY	28 DAY MIN COMPRESSIVE STRENGTH (2) PSI	28 DAY MIN BEAM STRENGTH (2,3) PSI	MAXIMUM WATER/ CEMENTITIOUS RATIO	COARSE AGGREGATE MAXIMUM SIZE (4)
A (5)	470	3000	500	0.58	1–1/2”
B	376	2000	330	0.71	1–1/2”
C	564	3600	600	0.53	1–1/2”
F	611	4200	700	0.49	1–1/2”
P1 (6),(7)	517	4000	N/A	0.49	1–1/2”
P2 (7)	564	4500	N/A	0.45	1–1/2”
M	AS DIRECTED BY THE OWNER OR AS SHOWN ON THE PLANS				

- (1)–ALL EXPOSED HORIZONTAL CONCRETE SHALL HAVE ENTRAINED AIR.

(2)–MINIMUM STRENGTH REQUIRED BY OWNER (COMPRESSIVE OR FLEXURAL).

(3)–ASTM C78 (THIRD–POINT); REDUCE BY 10% WHEN TYPE II CEMENT IS USED.

(4)–SMALLER NOMINAL MAXIMUM SIZE AGGREGATE MAY BE USED IF STRENGTH REQUIREMENT IS SATISFIED.

(5)–SIDEWALKS, SEPARATE CURB AND GUTTER, AND 4” THICK MEDIAN PAVEMENT.
- (6)–MACHINE FINISHED.

(7)–HAND FINISHED.



ACCESSIBILITY GENERAL NOTES:

1. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED ACCORDING TO TxDOT PED–18 WITH THE EXCEPTION THAT DETECTABLE WARNING PAVERS SHALL NOT BE PERMITTED. ALL DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED USING PREFABRICATED CAST–IN–PLACE DETECTABLE WARNING PANELS.
2. PEDESTRIAN RAMPS SHALL BE DIRECTIONAL RAMPS UNLESS OTHERWISE SPECIFIED BY THE CITY.
3. DETECTABLE WARNING SURFACES SHALL BE USED AT ALL PEDESTRIAN RAMPS CROSSING STREETS OR TRAFFIC–CONTROLLED COMMERCIAL DRIVEWAYS. DETECTABLE WARNING SURFACES SHALL NOT BE PERMITTED AT COMMERCIAL DRIVEWAYS THAT ARE NOT TRAFFIC–CONTROLLED.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. ’96, WITH LOCAL EXCEPTIONS.

STAMPED, INTEGRALLY COLORED CONCRETE PAVING GENERAL NOTES:

1. STAMPED, INTEGRALLY COLORED CONCRETE PAVING SHALL BE USED IN CONSTRUCTION LOCATIONS DESIGNATED AS ”IMAGE ZONES” BY THE STREETScape PLAN SECTION OF THE CITY OF COPPELL SUBDIVISION ORDINANCE AND THE CITY OF COPPELL STAMPED CONCRETE ORDINANCE 2002–979. CONCRETE CONTAINING FLY ASH SHALL NOT BE USED FOR PAVING IN PUBLIC RIGHT OF WAY OR EASEMENTS.
2. CONCRETE STRENGTH SHALL BE A MINIMUM 3600 PSI AT 28 DAYS. STRENGTH SPECIMENS SHALL BE MADE, CURED AND TESTED IN ACCORDANCE WITH TEST METHOD TEX–418–A.
3. INTEGRAL COLOR ADMIXTURE: BOMANITE INTEGRAL COLOR ADMIXTURE, AS MANUFACTURED BY BOMANITE CORPORATION, OR APPROVED EQUAL SHALL BE USED. THE COLOR SHALL BE ”RED CLAY”.
4. RELEASE AGENT: BOMANITE RELEASE AGENT, AS MANUFACTURED BY BOMANITE CORPORATION, OR APPROVED EQUAL IS TO BE USED. THE COLOR SHALL BE ”NATURAL GRAY”.
5. STAMPED CONCRETE PATTERN: BOMANITE STAMPED CONCRETE PATTERN, AS MANUFACTURED BY BOMANITE CORPORATION, OR APPROVED EQUAL IS TO BE USED. THE PATTERN SHALL BE ”RUNNING BOND USED BRICK”.
6. PENETRATING SEALER: SEALER SHALL MEET THE REQUIREMENTS OF ASTM C–309.
7. THE INTEGRAL COLOR ADMIXTURES SHALL BE ADDED TO THE CONCRETE AT THE RATE AND METHOD DETERMINED IN ACCORDANCE WITH THE MANUFACTURER’S RECOMMENDATIONS AND AS APPROVED BY THE ENGINEER. REGARDLESS OF THE METHOD USED, THE CONTRACTOR SHALL MAINTAIN A UNIFORM SHADE OF THE COLOR SPECIFIED. CONCRETE COLORING POWDER APPLIED WITH A ”SHAKE–ON” METHOD SHALL NOT BE PERMITTED.

RAISED PAVEMENT MARKERS (RPM) AND TRAFFIC PAINT

1. RAISED PAVEMENT MARKERS SHALL BE 3M SERIES 290 ENGINEERED THERMOPLASTIC MARKER OR EQUAL AS APPROVED BY THE CITY. CERAMICS SHALL NOT BE USED.
2. RAISED PAVEMENT MARKERS SHALL MEET THE FOLLOWING REQUIREMENTS FOR THE TYPES LISTED:

TYPE I–A: TYPE I–A MUST CONTAIN AN APPROACH FACE THAT RETRO–REFLECTS AMBER LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACE MUST BE YELLOW.

TYPE I–C: TYPE I–C MUST CONTAIN AN APPROACH FACE THAT RETRO–REFLECTS WHITE LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACE MUST BE WHITE OR SILVER–WHITE.

TYPE I–R: TYPE I–R MUST CONTAIN A TRAILING FACE THAT RETRO–REFLECTS RED LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACE MUST BE WHITE OR SILVER–WHITE.

TYPE II–A–A: TYPE II–A–A MUST CONTAIN TWO RETRO–REFLECTIVE FACES (APPROACH AND TRAILING) EACH THAT RETRO–REFLECT AMBER LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACES, MUST BE YELLOW.

TYPE II–B–B: TYPE II–B–B MUST CONTAIN TWO RETRO–REFLECTIVE FACES (APPROACH AND TRAILING) EACH THAT RETRO–REFLECT BLUE LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACES, MUST BE BLUE.





TYPE II–C–R: TYPE II–C–R MUST CONTAIN TWO RETRO–REFLECTIVE FACES, AN APPROACH FACE THAT RETRO–REFLECTS WHITE LIGHT AND A TRAILING FACE THAT RETRO–REFLECTS RED LIGHT. THE BODY, OTHER THAN THE RETRO–REFLECTIVE FACES, MUST BE WHITE OR SILVER–WHITE.

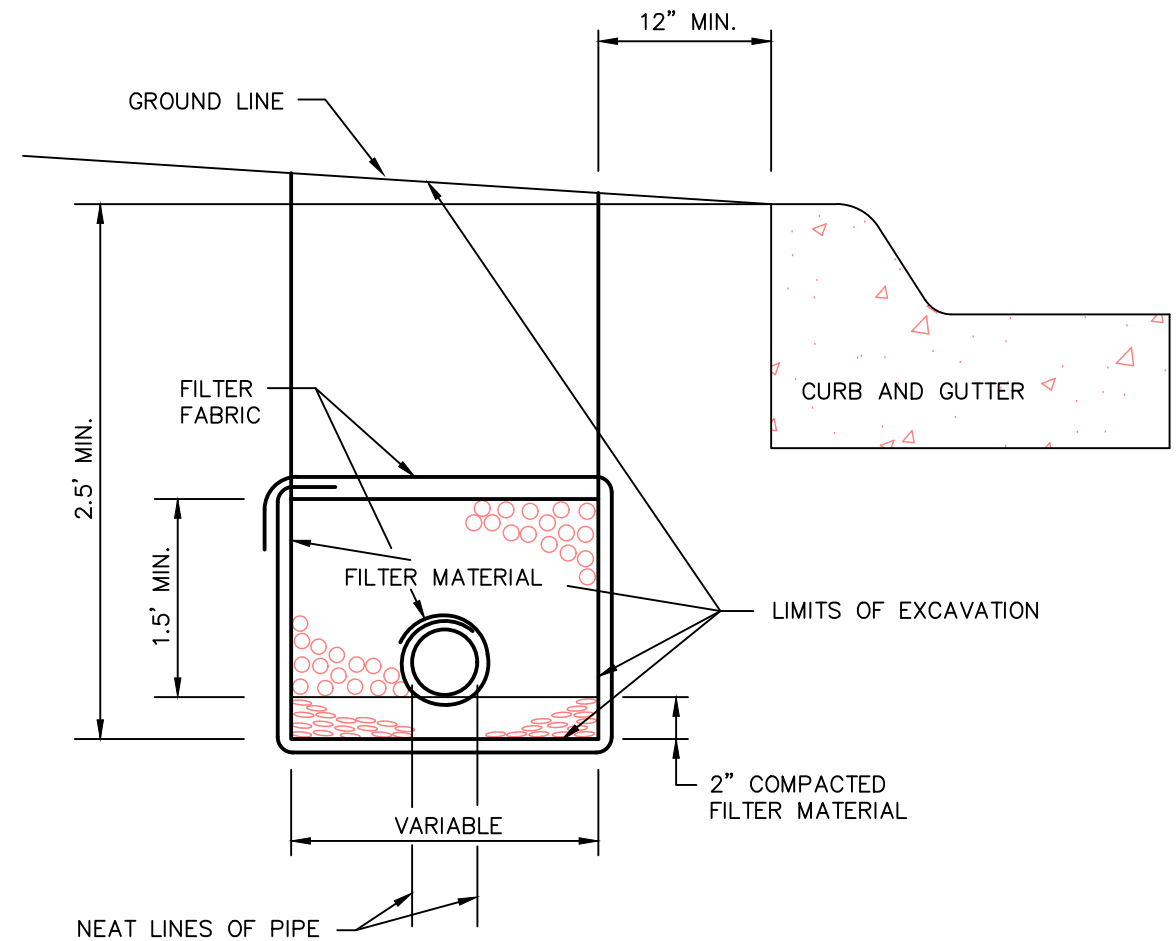
TYPE W: TYPE W HAS A WHITE BODY AND NO REFLECTIVE FACES.

TYPE Y: TYPE Y HAS AN AMBER (YELLOW) BODY AND NO REFLECTIVE FACES.



3. TRAFFIC PAINT SHALL CONFORM TO TxDot MATERIAL SPECIFICATION DMS–8200.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					PAVEMENT SYSTEMS	
	ADD NOTE 3 FOR LANE LINE TRAFFIC PAINT SPECIFICATION.	SWL	MAY '20		GENERAL NOTES	
	ADDED ACCESSIBILITY GENERAL NOTES	CMSB	MAR. '20			
	REMOVED REFERENCES TO CONCRETE PAVERS.	JB	APR. '19			
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	



SECTION
N.T.S.

LIMITS OF EXCAVATION

DEPTH OF TRENCH (FT.)	DIST. IN FT. OUTSIDE NEAT LINES OF PIPE SUBDRAIN
0 TO 6	1.00
6 TO 10	1.50
10 TO 15	2.00
OVER 15	2.50

FILTER MATERIAL SPECIFICATIONS


SIEVE SIZE	PERCENTAGE RETAINED ON SIEVE	
	TYPE A	TYPE B
1 1/2	---	0 - 10
3/4	0 - 10	20 - 40
3/8	15 - 35	---
NO. 4	35 - 55	40 - 60


TYPES OF PIPE ACCEPTABLE FOR
USE AS SUBDRAIN

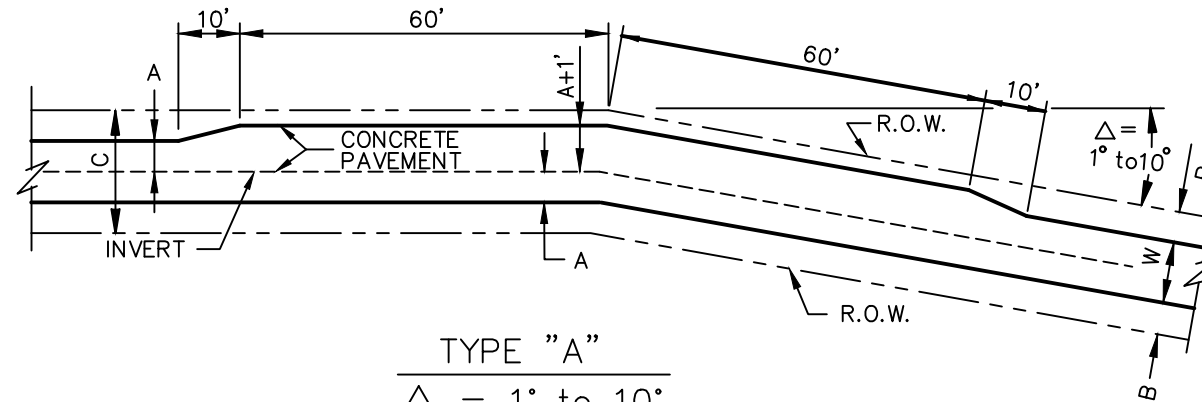
1. PERFORATED CORRUGATED METAL PIPE.
2. PERFORATED P.V.C . PIPE.
3. PERFORATED POLYETHYLENE PIPE.

MATERIAL FINER THAN NO. 4 SIEVE

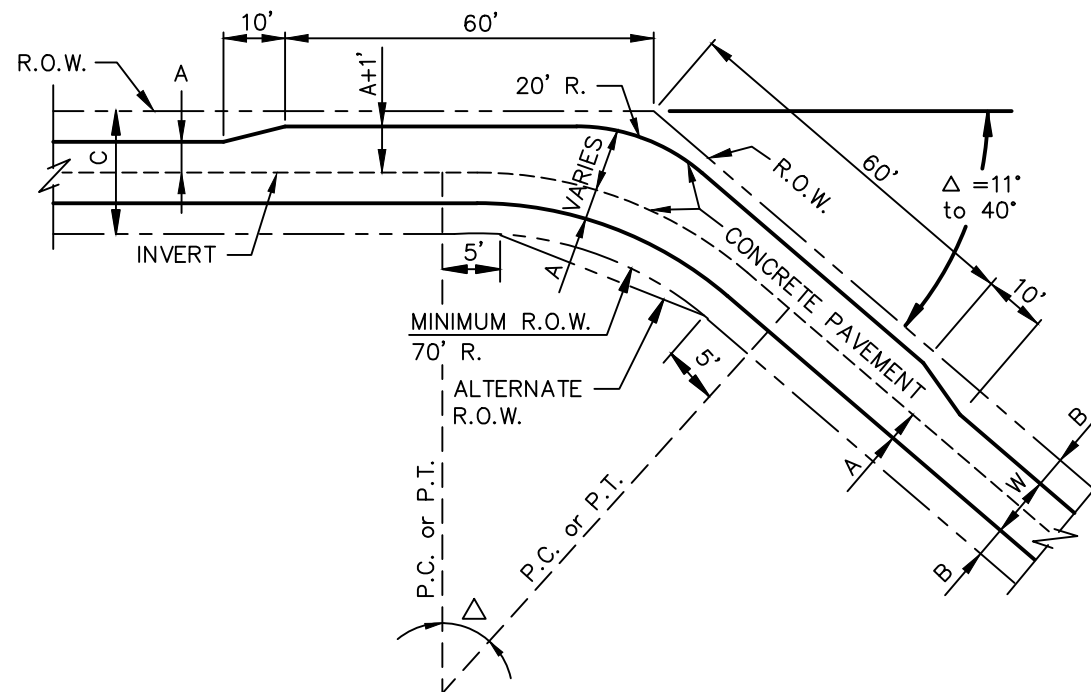
4	---
20	35 - 65
50	75 - 100

North Central Texas Council of Governments
 **NOTE:** STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 504., 508. STANDARD DETAIL 2200
					SUBDRAINS	
					PAVEMENT SUBGRADE	
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	



TYPE "A"
 $\Delta = 1^\circ$ to 10°
 N.T.S.



TYPE "B"
 $\Delta = 11^\circ$ to 40°
 N.T.S.

NOTE:

1. DIMENSIONS A,B,C AND W SHALL BE SPECIFIED ON THE PLANS IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAIL 2040.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

ALLEY GEOMETRICS
 TYPE 'A' AND TYPE 'B'

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
 REFERENCE
 301., 303.

STANDARD DETAIL

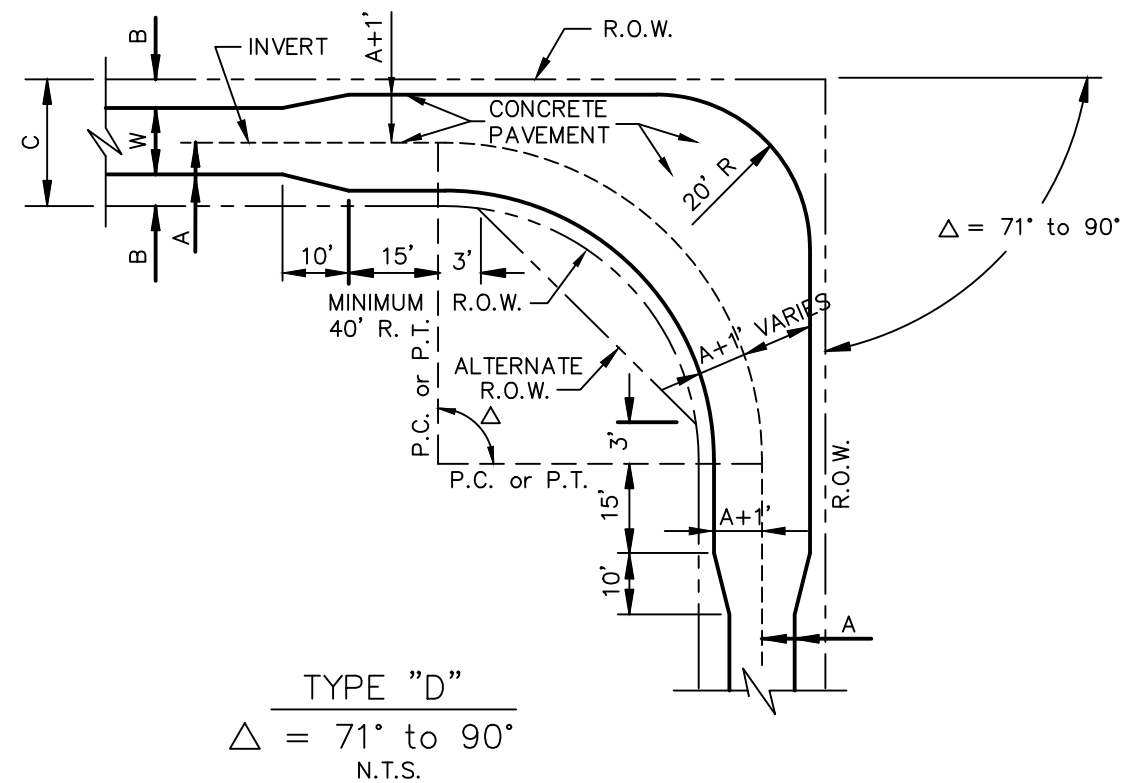
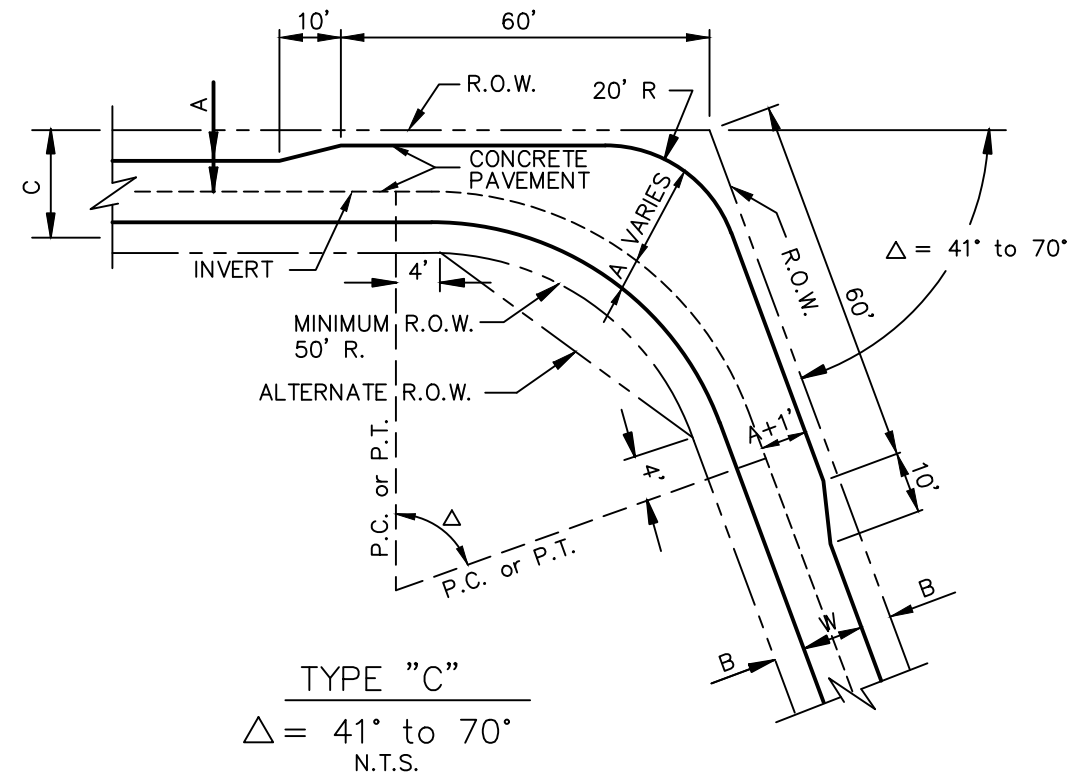
2210

NO.

LOCAL EXCEPTION

BY

DATE



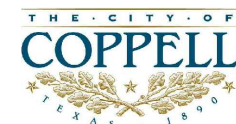
NOTE:

1. DIMENSIONS A,B,C AND W SHALL BE SPECIFIED ON THE PLANS IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAIL 2040.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

ALLEY GEOMETRICS
TYPE 'C' AND TYPE 'D'

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303.

STANDARD DETAIL

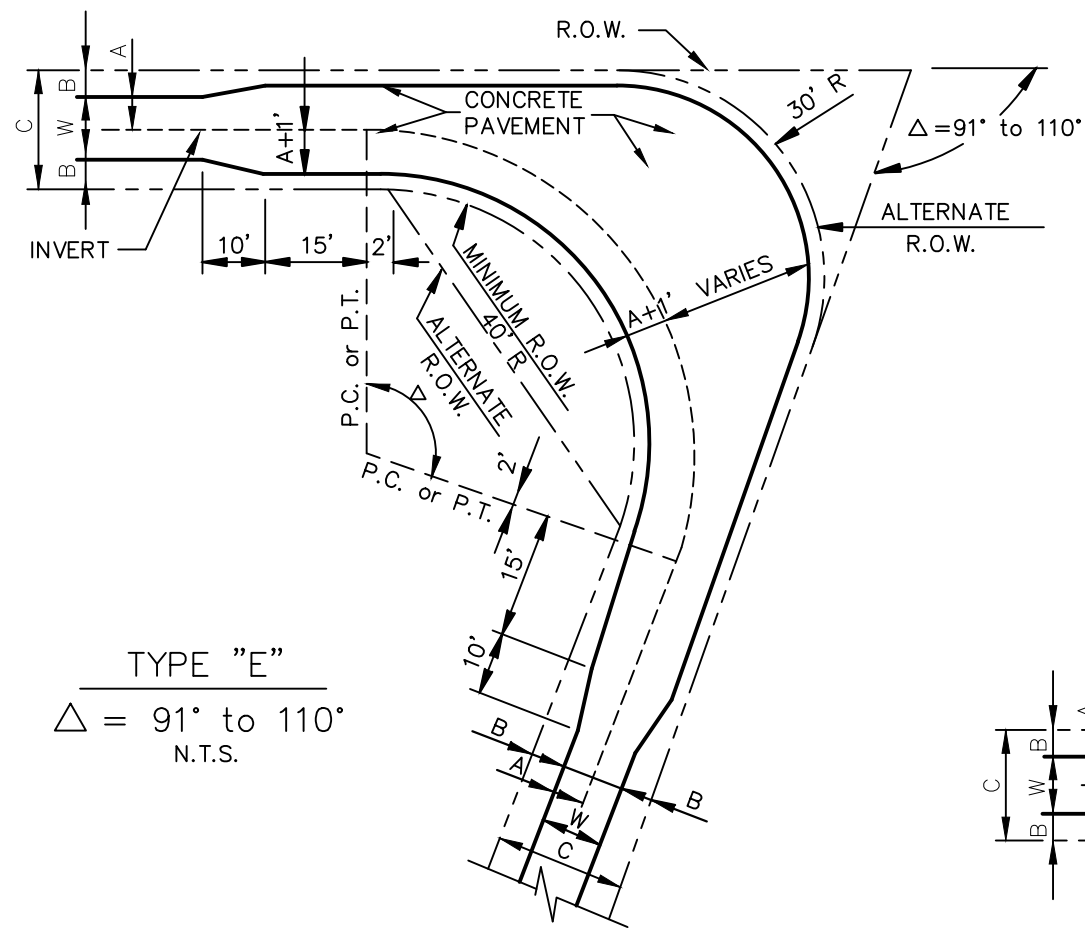
2220

NO.

LOCAL EXCEPTION

BY

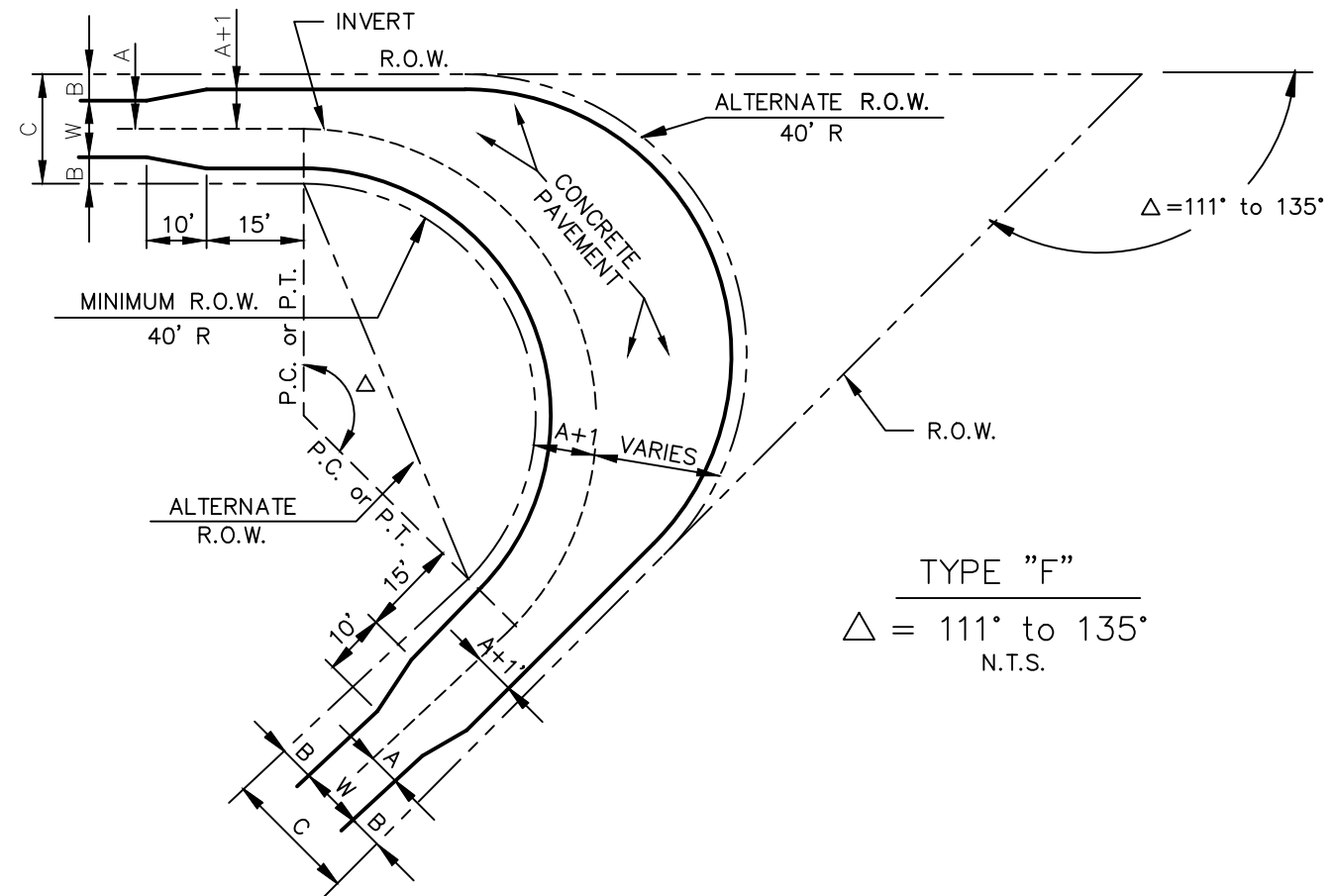
DATE



TYPE "E"
 $\Delta = 91^\circ \text{ to } 110^\circ$
 N.T.S.

NOTE:

1. DIMENSIONS A,B,C AND W SHALL BE SPECIFIED ON THE PLANS IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAIL 2040.



TYPE "F"
 $\Delta = 111^\circ \text{ to } 135^\circ$
 N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

ALLEY GEOMETRICS
 TYPE 'E' AND TYPE 'F'

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
 REFERENCE
 301., 303.

STANDARD DETAIL

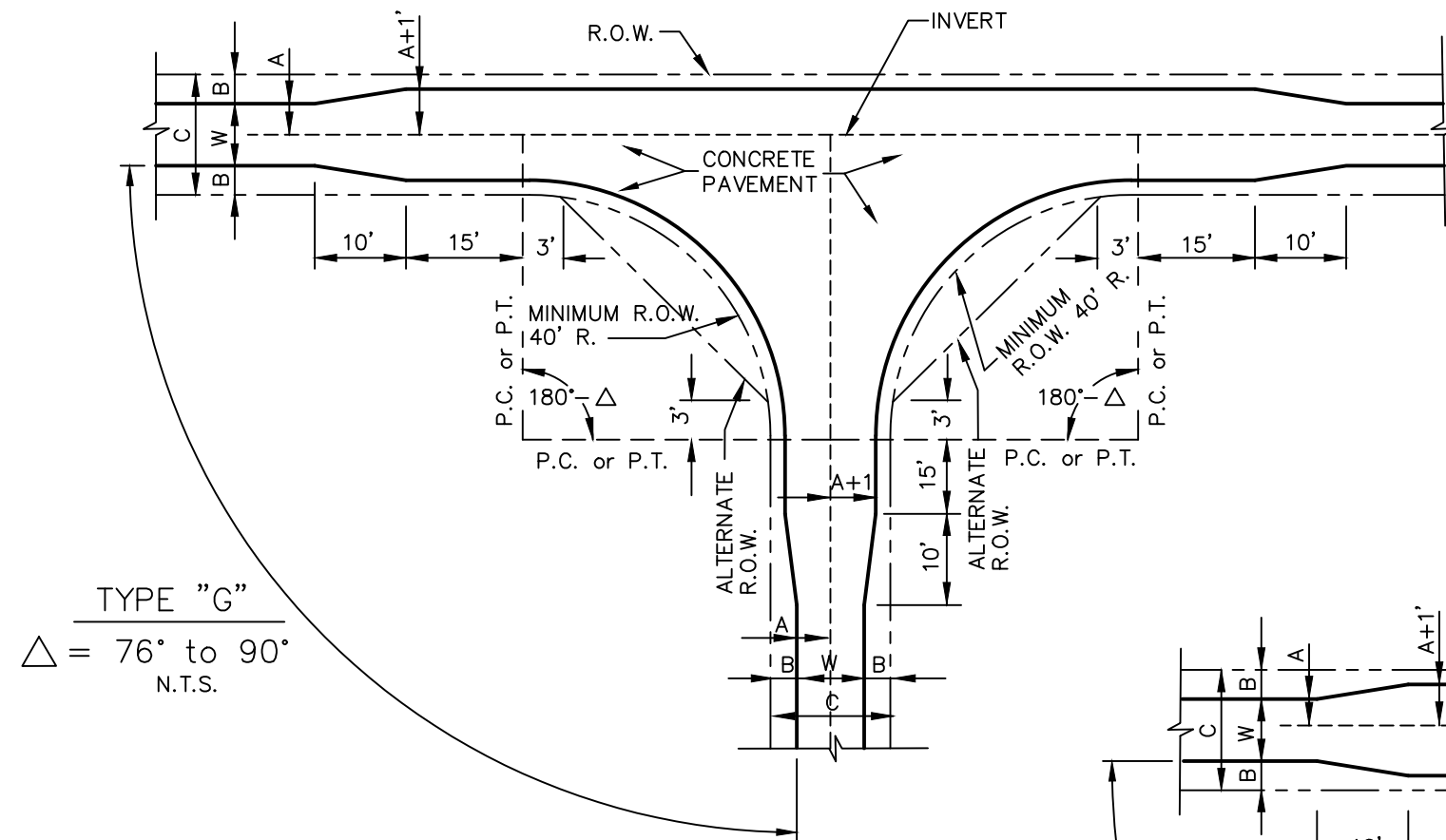
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NO.

LOCAL EXCEPTION

BY

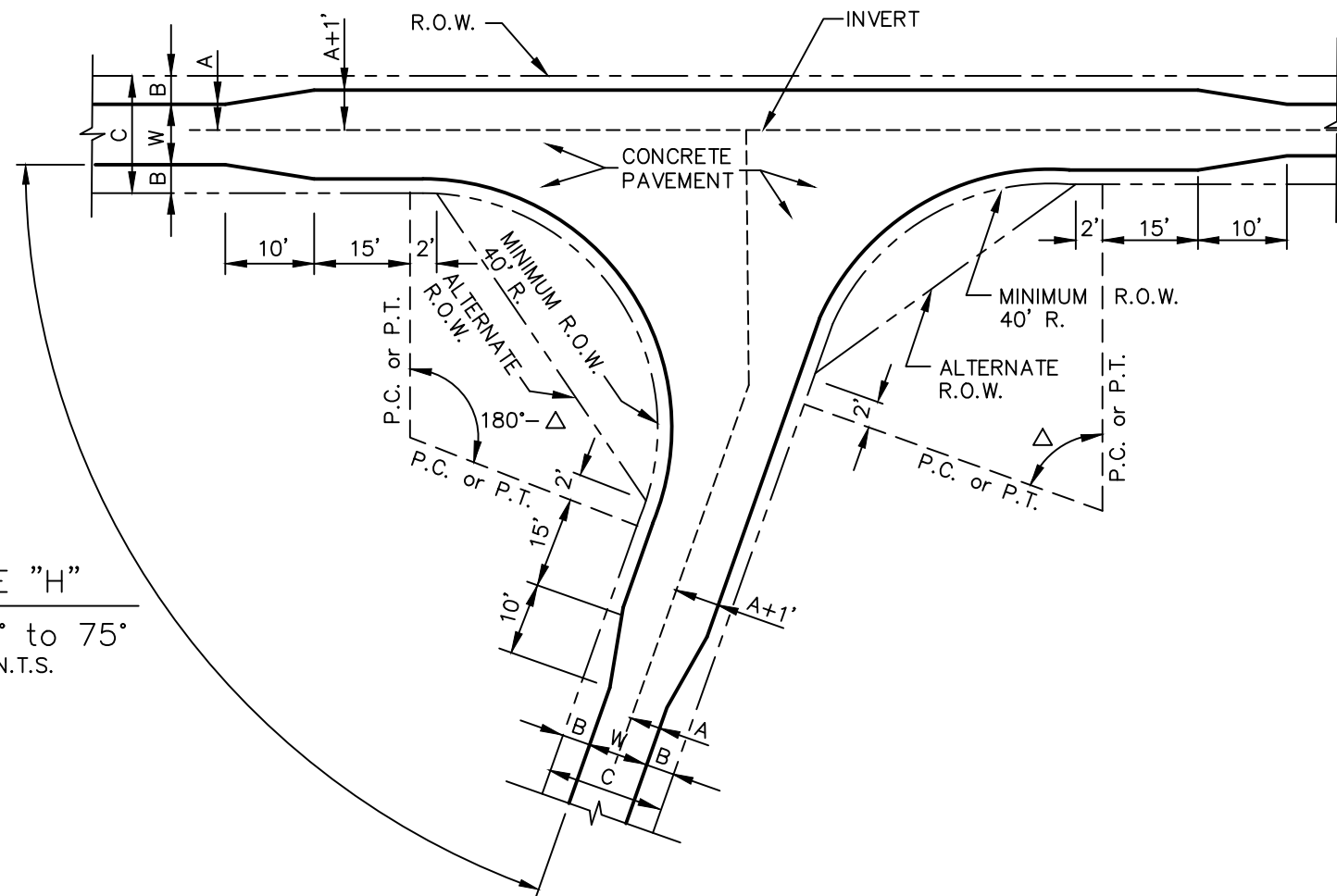
DATE



TYPE "G"
 $\Delta = 76^\circ \text{ to } 90^\circ$
 N.T.S.

NOTE:

1. DIMENSIONS A,B,C AND W SHALL BE SPECIFIED ON THE PLANS IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAIL 2040.



TYPE "H"
 $\Delta = 61^\circ \text{ to } 75^\circ$
 N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

ALLEY GEOMETRICS
 TYPE 'G' AND TYPE 'H'

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
 REFERENCE
 301., 303.

STANDARD DETAIL

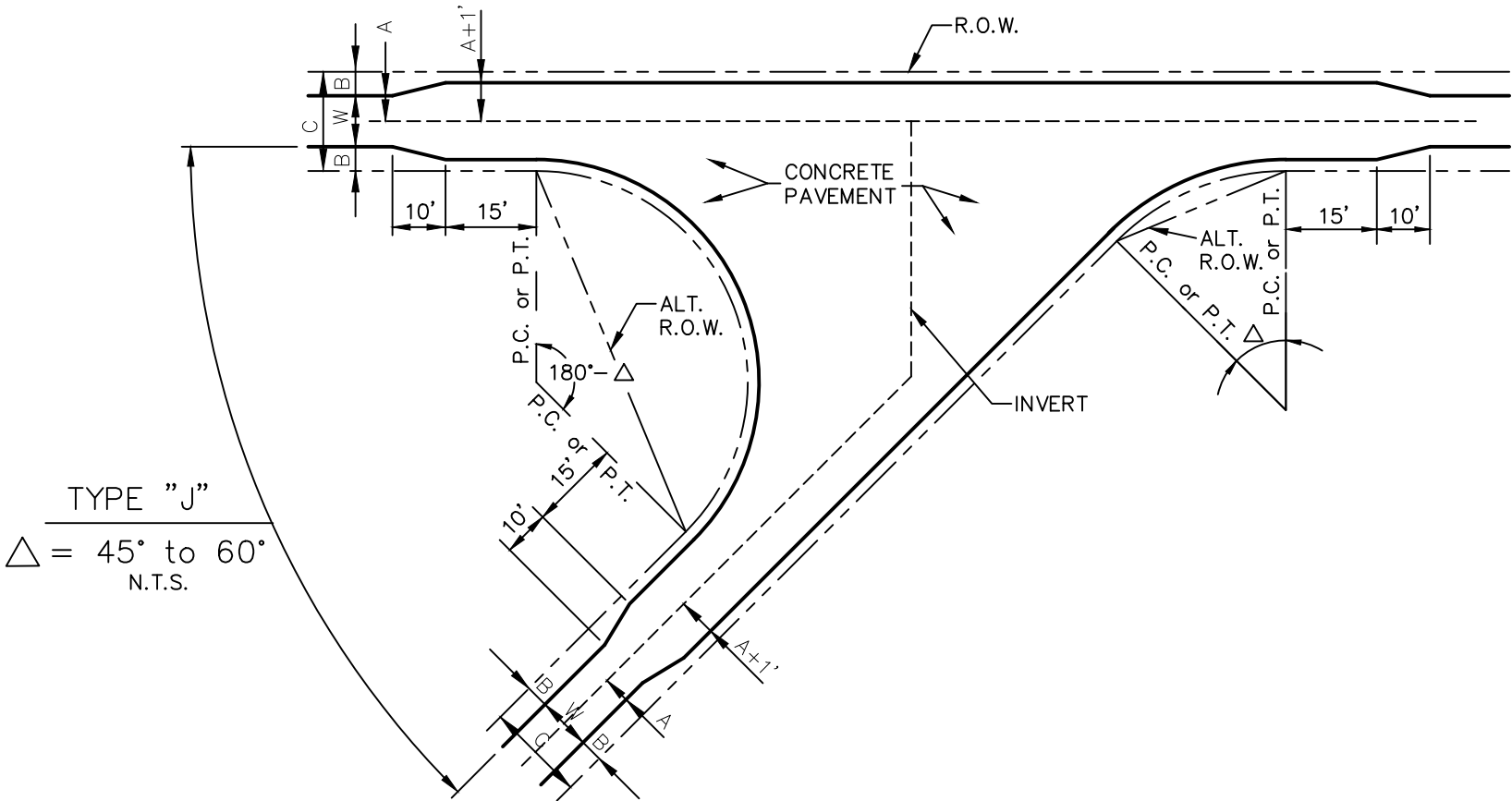
2240

NO.

LOCAL EXCEPTION

BY

DATE



NOTE:
1. DIMENSIONS A,B,C AND W SHALL BE SPECIFIED
ON THE PLANS IN ACCORDANCE WITH
STANDARD CONSTRUCTION DETAIL 2040.

North Central Texas Council of Governments



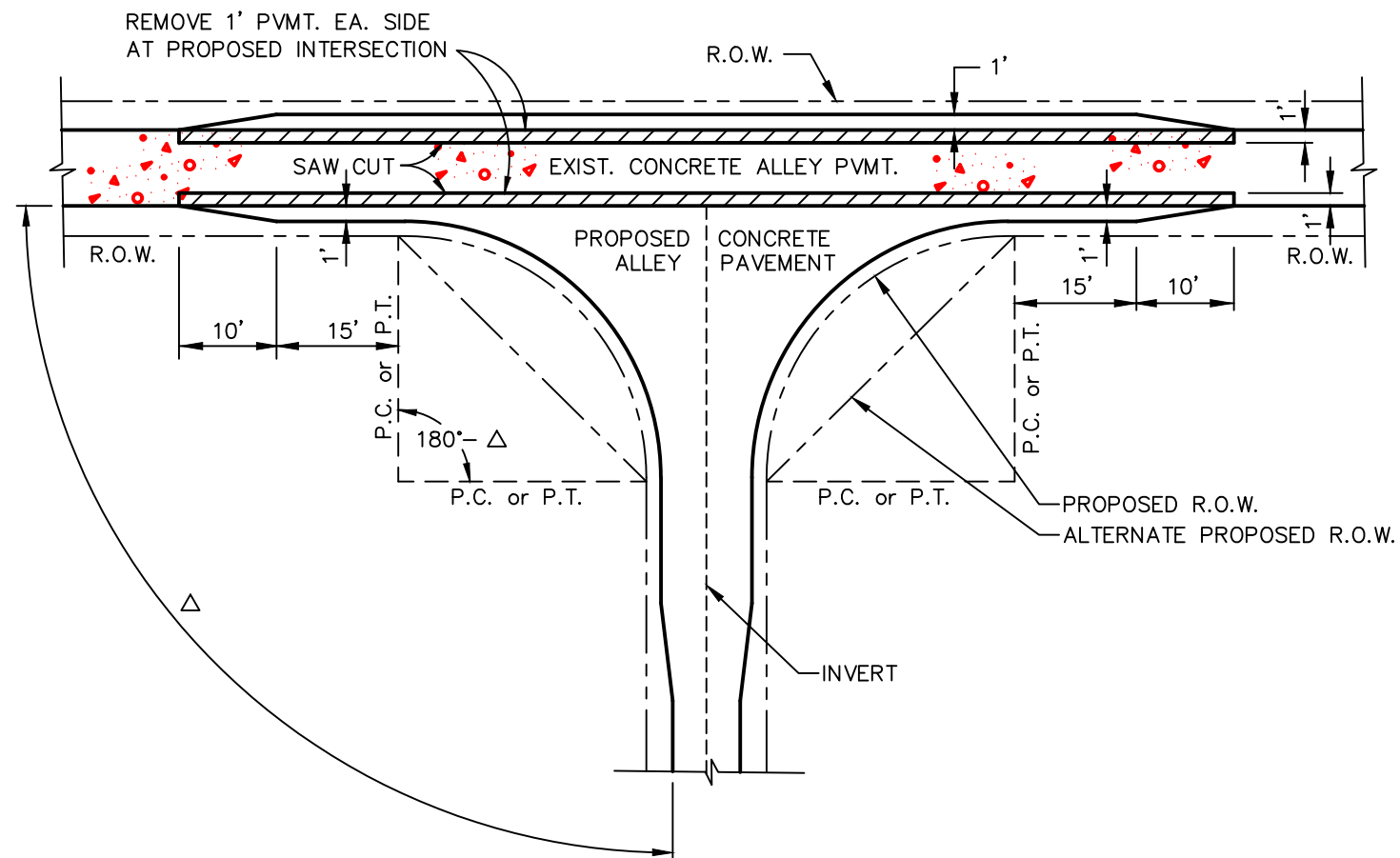
NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE			

THE CITY OF
COPPELL
TEXAS 1890

STANDARD CONSTRUCTION DETAILS
ALLEY GEOMETRICS
TYPE 'J'
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303.
STANDARD DETAIL
2250



INTERSECTION OF PROPOSED ALLEY
WITH EXISTING ALLEY PAVEMENT

N.T.S.

NOTE:

GEOMETRICS OF PROPOSED ALLEY SHALL
BE SHOWN ON THE PLANS IN ACCORDANCE
WITH TYPE "G", "H", OR "J".

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

ALLEY INTERSECTION
CONNECTION OF PROPOSED TO EXISTING

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303.

STANDARD DETAIL

2260


NO.	LOCAL EXCEPTION	BY	DATE

FOR METAL BEAM GUARD RAIL AND BARRICADE DETAILS, SEE
LATEST TEXAS DEPARTMENT OF TRANSPORTATION GUIDELINES

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.


					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 801. STANDARD DETAIL 2270
					METAL BEAM GUARD RAIL AND BARRICADE	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			

FOR TRAFFIC CONTROL AND SIGNAGE
DETAILS, SEE LATEST TEXAS MANUAL ON
UNIFORM TRAFFIC CONTROL DEVICES (T.M.U.T.C.D.)

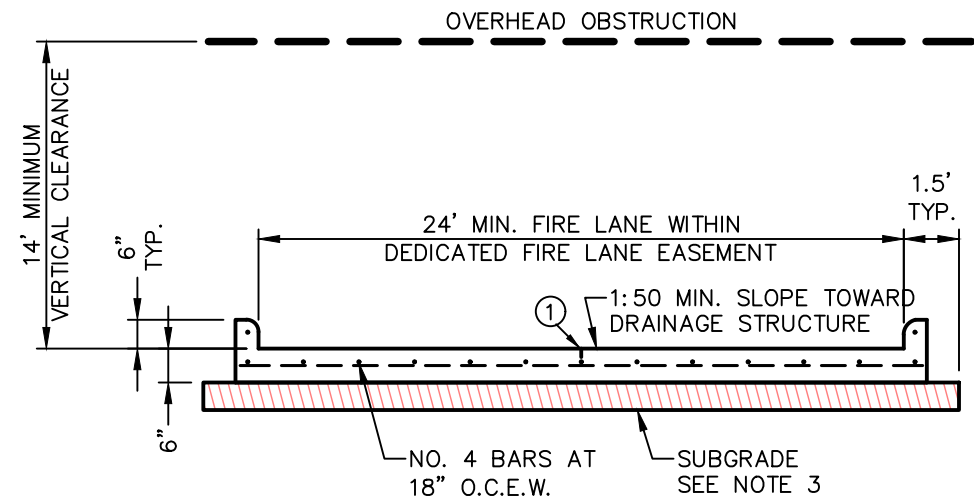
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 801.
					TRAFFIC CONTROL AND SIGNAGE	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	STANDARD DETAIL 2280
NO.	LOCAL EXCEPTION	BY	DATE			

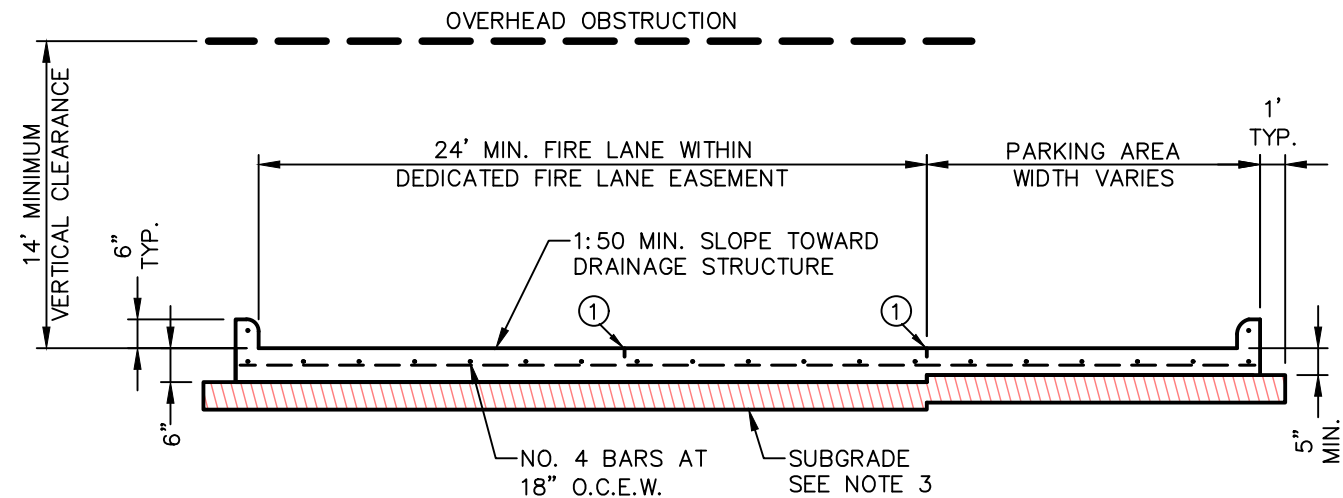
- FIRE LANE GENERAL NOTES:**
- 1. MINIMUM FIRE LANE WIDTH SHALL BE 24' CLEAR (FACE OF CURB TO FACE OF CURB) WITH NO HORIZONTAL OBSTRUCTIONS.
 - 2. MINIMUM FIRE LANE VERTICAL CLEARANCE SHALL BE 14'-0".
 - 3. FIRE LANE SHALL INTERSECT WITH A DEDICATED PUBLIC STREET RIGHT OF WAY. FIRE LANES OVER 150' IN LENGTH SHALL INTERSECT WITH A PUBLIC STREET AT EACH END OF THE FIRE LANE, OR TERMINATE IN A CONFIGURATION SHOWN ON STANDARD CONSTRUCTION DETAIL 2310.
 - 4. FIRE LANE SHALL BE STRIPED AND LETTERED AS SHOWN IN STANDARD CONSTRUCTION DETAIL 2320.
 - 5. FIRE LANE AND WATER LINE WITH FIRE HYDRANTS SHALL BE COMPLETED PRIOR TO ANY BUILDING CONSTRUCTION. FIRE LANE SHALL BE UNOBSTRUCTED AND AVAILABLE FOR USE BY THE FIRE DEPARTMENT DURING BUILDING CONSTRUCTION.



① SAWED LONGITUDINAL CONTRACTION JOINT ON PAVEMENT LESS THAN 8" THICK. KEY WAY CONSTRUCTION JOINT ON PAVEMENT WITH THICKNESS OF 8" OR GREATER. SEE STANDARD CONSTRUCTION DETAIL 2050.

24' FIRE LANE
(LOCATED OUTSIDE OF PARKING AREA)
N.T.S.

- NOTES:**
- 1. MIN. PAVEMENT STRENGTH SHALL CLASS "C", OR AS SPECIFIED BY CITY.
 - 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
 - 3. SUBGRADE (MIN. REQUIREMENTS—UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
 - 4. PAVEMENT SURFACE FINISH SHALL BE PARALLEL TO TRAFFIC LANES AND SHALL BE BAKER BROOM FINISH UNLESS OTHERWISE SPECIFIED BY CITY.
 - 5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
 - 6. FOR TRANSVERSE JOINT SPACING, SEE STANDARD CONSTRUCTION DETAIL 2060.



24' FIRE LANE WITH ADJACENT PARKING AREA
N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

FIRE LANE AND PARKING LOT
REINFORCED CONCRETE PAVEMENT

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
301., 303.

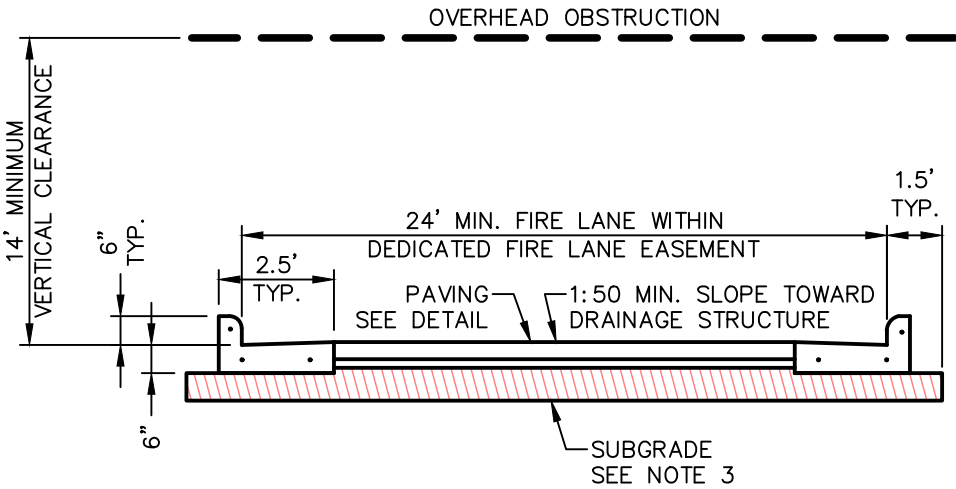
STANDARD DETAIL

2290

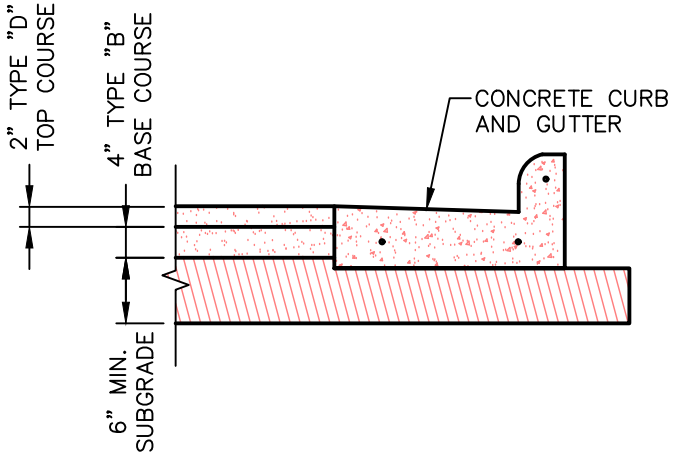
NO.	LOCAL EXCEPTION	BY	DATE

FIRE LANE GENERAL NOTES:

- 1. MINIMUM FIRE LANE WIDTH SHALL BE 24' CLEAR (FACE OF CURB TO FACE OF CURB) WITH NO HORIZONTAL OBSTRUCTIONS.
- 2. MINIMUM FIRE LANE VERTICAL CLEARANCE SHALL BE 14'-0".
- 3. FIRE LANE SHALL INTERSECT WITH A DEDICATED PUBLIC STREET RIGHT OF WAY. FIRE LANES OVER 150' IN LENGTH SHALL INTERSECT WITH A PUBLIC STREET AT EACH END OF THE FIRE LANE, OR TERMINATE IN A CONFIGURATION SHOWN ON STANDARD CONSTRUCTION DETAIL 2310.
- 4. FIRE LANE SHALL BE STRIPED AND LETTERED AS SHOWN IN STANDARD CONSTRUCTION DETAIL 2320.
- 5. FIRE LANE AND WATER LINE WITH FIRE HYDRANTS SHALL BE COMPLETED PRIOR TO ANY BUILDING CONSTRUCTION. FIRE LANE SHALL BE UNOBSTRUCTED AND AVAILABLE FOR USE BY THE FIRE DEPARTMENT DURING BUILDING CONSTRUCTION.



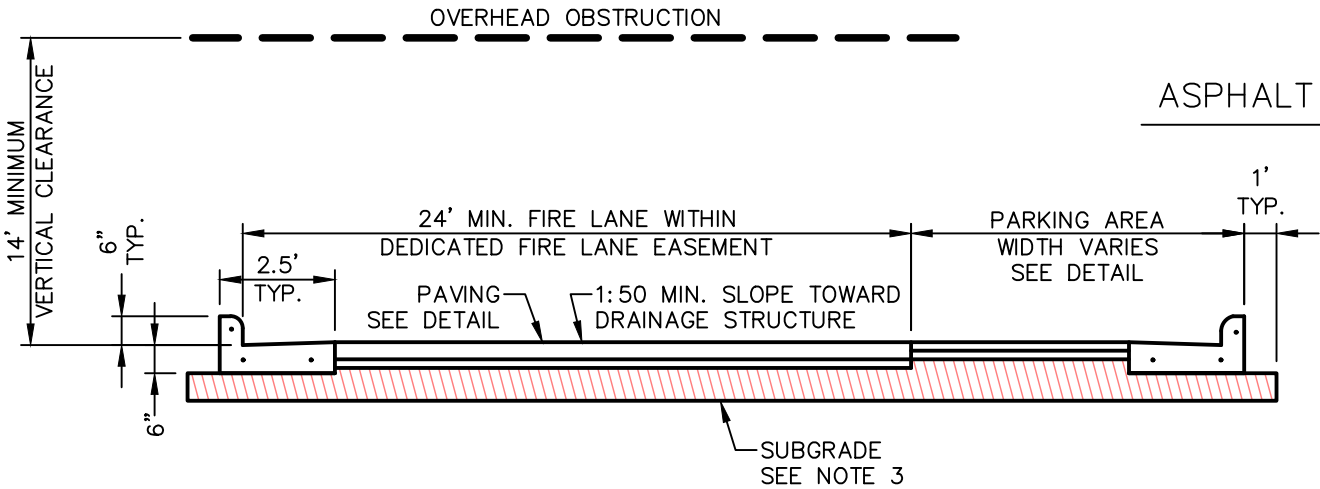
24' FIRE LANE
(LOCATED OUTSIDE OF PARKING AREA)
N.T.S.



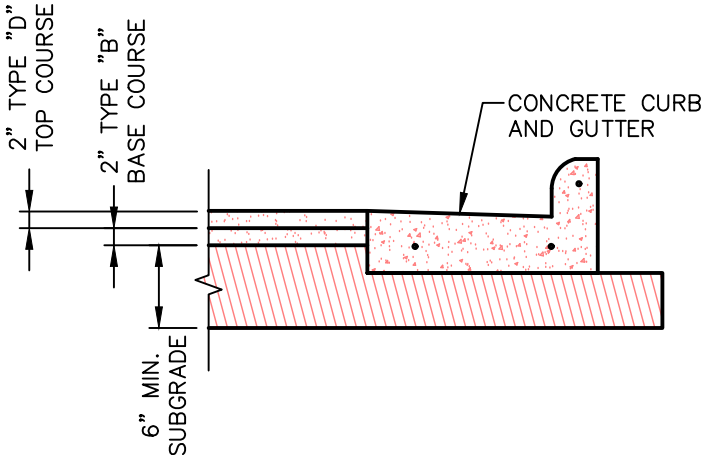
ASPHALT FIRE LANE PAVING DETAIL
N.T.S.

NOTES:

- 1. 4" ASPHALT PAVING BETWEEN CONCRETE CURB/GUTTER SHALL CONSIST OF A 2" TYPE "B" BASE COURSE AND A 2" TYPE "D" TOP COURSE. PAVING WITHIN THE FIRE LANE SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT A CONCENTRATED LOAD OF 40,000 POUNDS.
- 2. CURB HEIGHT AND WIDTH SHALL BE 6", OR AS SPECIFIED BY CITY. SEE STANDARD CONSTRUCTION DETAIL 2120.
- 3. SUBGRADE (MIN. REQUIREMENTS-UNLESS OTHERWISE APPROVED BY CITY ENGINEER). SUBGRADE UNDER ALL PAVEMENT SHALL BE INITIALLY MIXED 8" THICK AND RE-MIXED 6" THICK AND SHALL BE STABILIZED WITH 6% MIN. BY WEIGHT OF HYDRATED LIME (GENERALLY ±40 LBS./S.Y.) AND COMPACTED TO A DENSITY NOT LESS THAN 95% STANDARD PROCTOR DENSITY. ALTERNATIVE SUBGRADES, SUPPORTED BY LABORATORY TESTS, MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
- 4. PAVEMENT SURFACE FINISH SHALL BE SMOOTH AND UNIFORM. EACH PAVING COURSE SHALL HAVE A DENSITY OF NOT LESS THAN 95% OF THE STANDARD DENSITY ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION BULLETIN C-14.
- 5. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
- 6. FOR TRANSVERSE JOINT SPACING, SEE STANDARD CONSTRUCTION DETAIL 2060.
- 7. ASPHALT PAVING IS PERMITTED ONLY WITHIN THE HISTORIC OVERLAY ZONING DISTRICT AND ONLY WHEN AUTHORIZED BY A SPECIAL USE PERMIT (S.U.P.) APPROVED BY THE CITY COUNCIL.
- 8. ASPHALT PAVING NOT PERMITTED FOR NEW CONSTRUCTION OUTSIDE OF THE HISTORIC OVERLAY ZONING DISTRICT.



24' FIRE LANE WITH ADJACENT PARKING AREA
N.T.S.



ASPHALT PARKING LOT PAVING DETAIL
N.T.S.

North Central Texas Council of Governments



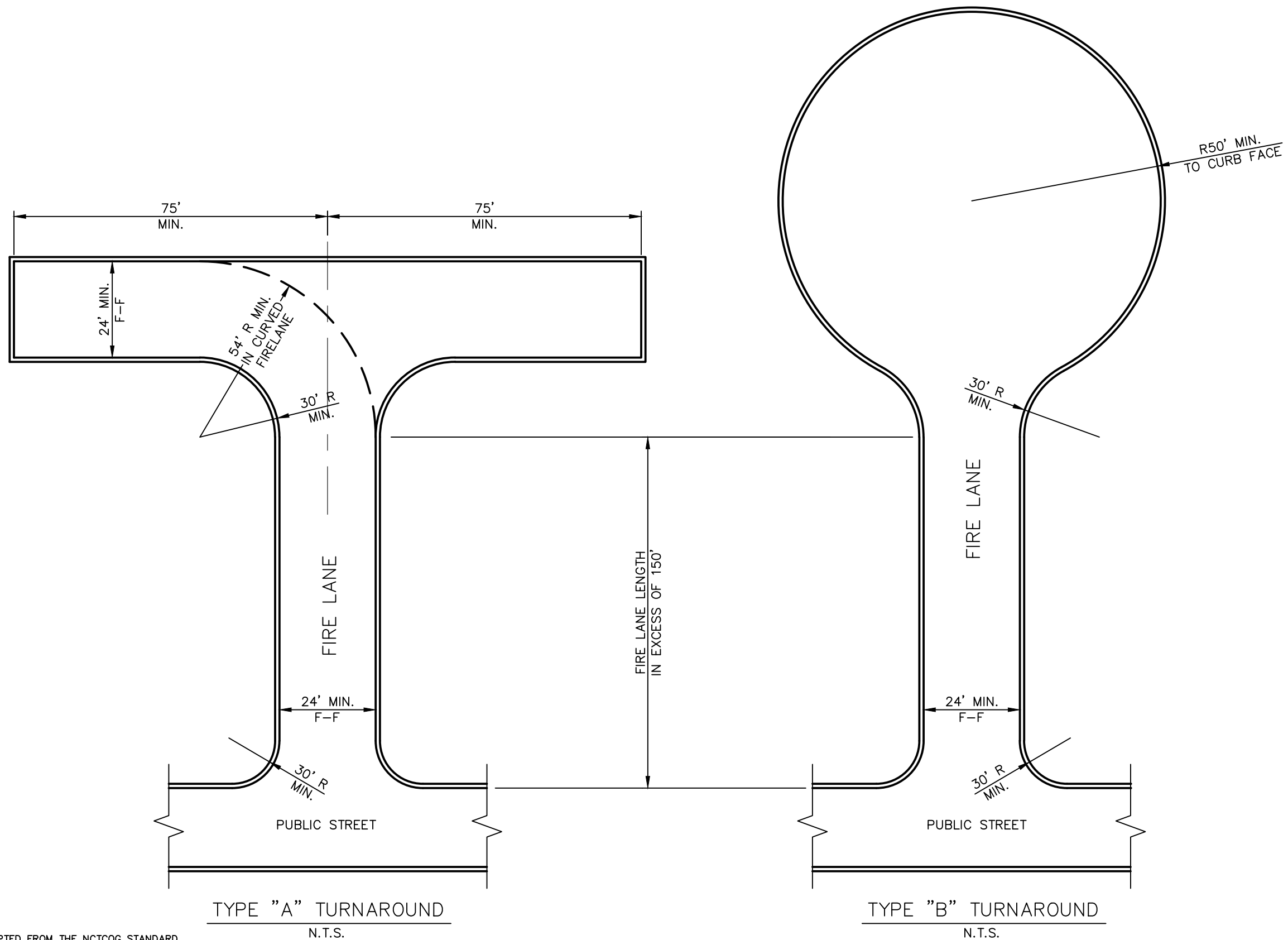
NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS
FIRE LANE AND PARKING LOT
HOT-MIX ASPHALTIC CONCRETE PAVEMENT
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
301., 303., 305.
STANDARD DETAIL
2300

NO.	LOCAL EXCEPTION	BY	DATE



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.



STANDARD CONSTRUCTION DETAILS

FIRE LANE AND PARKING LOT
TYPE "A" AND TYPE "B" TURNAROUND

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE

STANDARD DETAIL

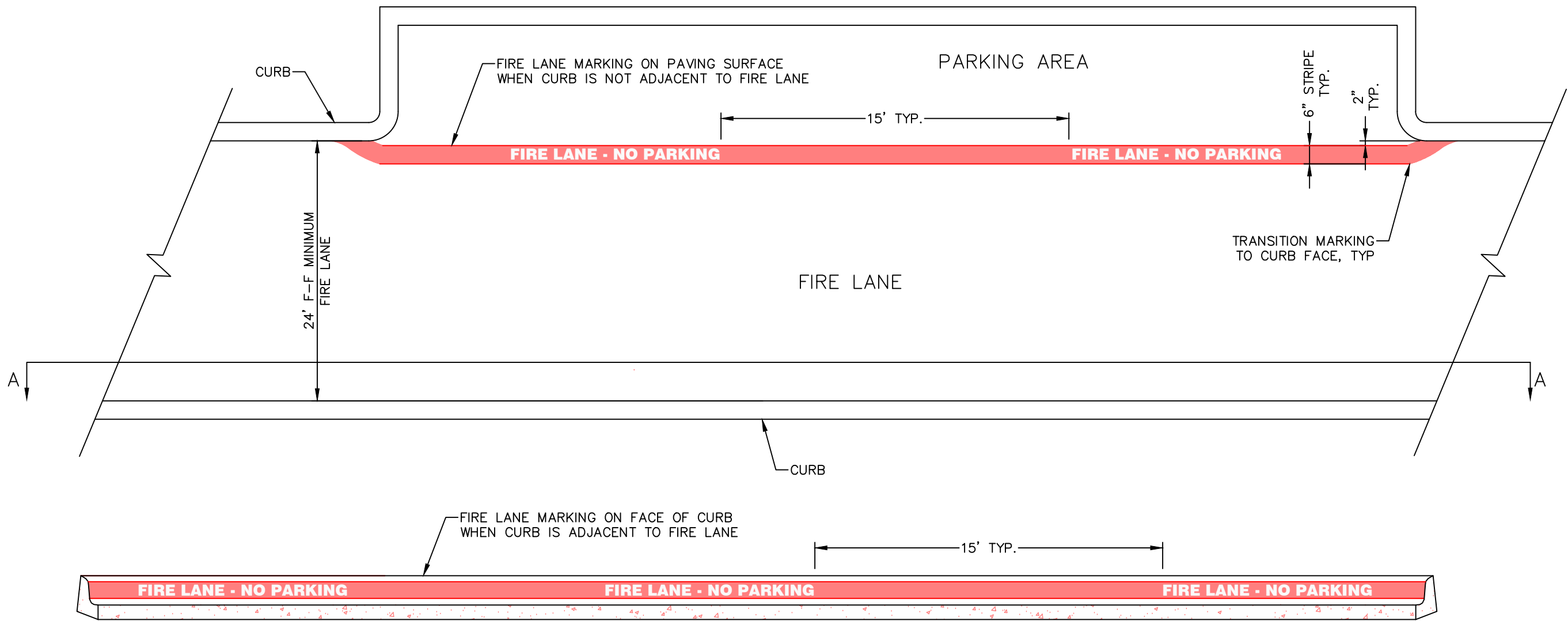
2310

NO.

LOCAL EXCEPTION

BY

DATE





SECTION A-A

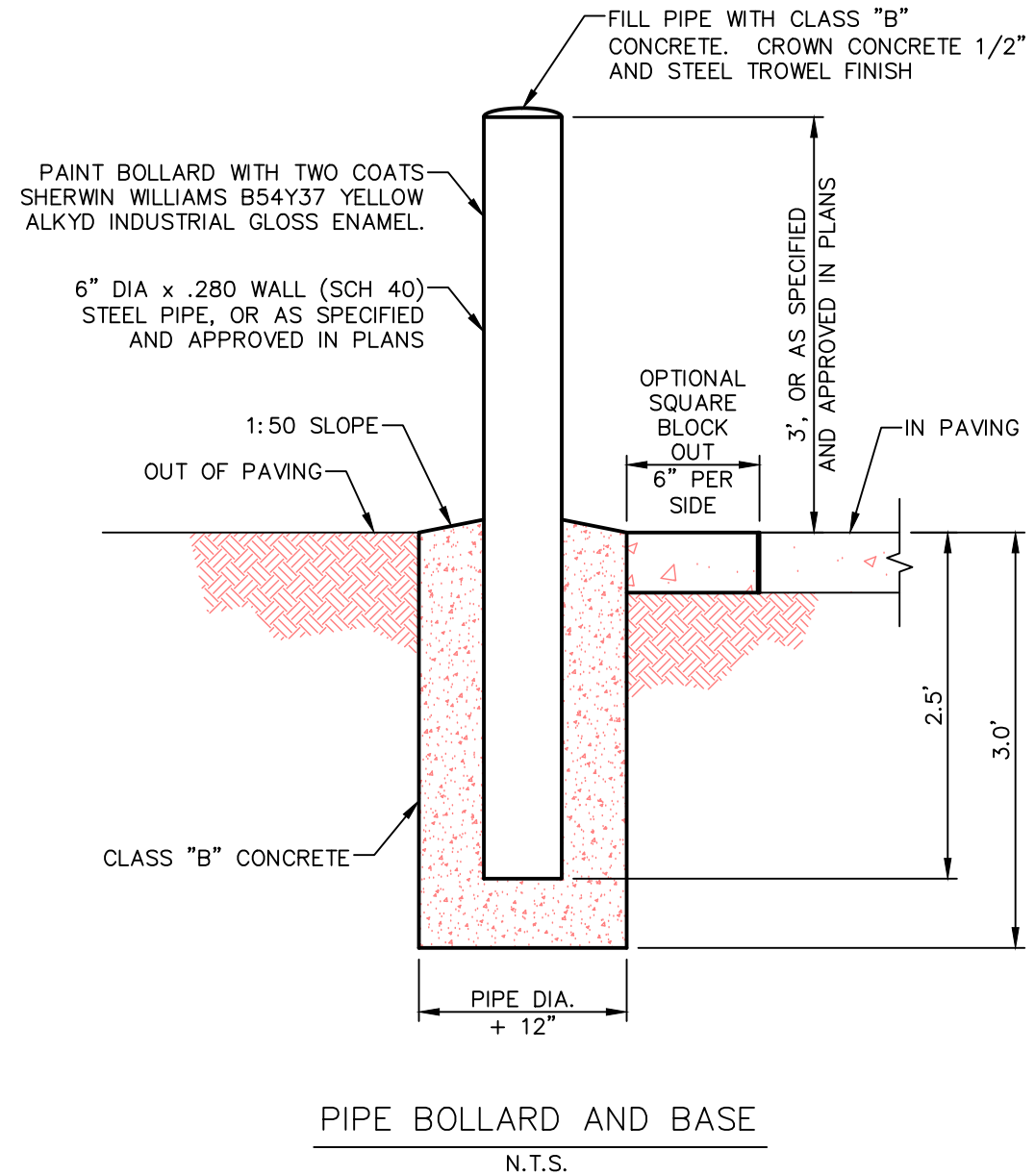
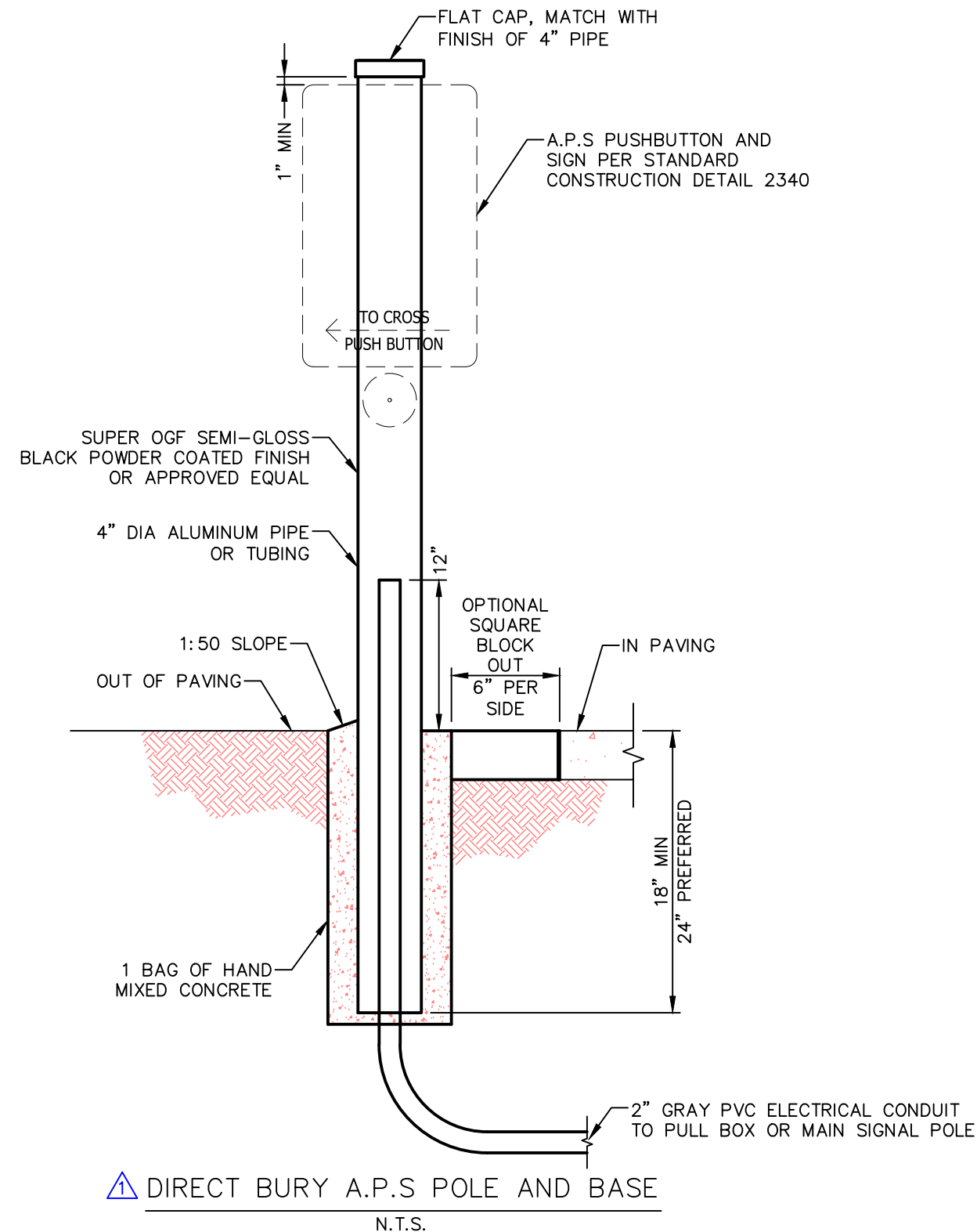
- NOTES:
1. PAINT:
 - a. STRIPE SHALL BE 6 INCHES WIDE PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT. COLOR SHALL BE "TRAFFIC RED" GLIDDEN NO. 63251 OR APPROVED EQUAL.
 - b. LETTERS SHALL BE FOUR (4) INCHES HIGH WITH THE WIDTH OF STROKE AT LEAST 1/2" PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT. COLOR SHALL BE "TRAFFIC WHITE" GLIDDEN NO. 563245 OR APPROVED EQUAL.
 2. APPLICATION:
 - a. STRIPE MAY BE BRUSHED OR SPRAYED, ONE COAT TO FINISH.
 - b. LETTERS SHALL BE STENCIL FORMED, BRUSH APPLIED AND SPACED AS SHOWN.

FIRE LANE MARKING
N.T.S.

North Central Texas Council of Governments

 **NOTE:** STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 804.
					FIRE LANE AND PARKING LOT	
					FIRE LANE MARKING	STANDARD DETAIL
						2320
NO.	LOCAL EXCEPTION	BY	DATE			CITY OF COPPELL DALLAS COUNTY, TEXAS



NOTE:
FOR SIGNAGE DETAILS, SEE LATEST TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (T.M.U.T.C.D.).

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

△	ADD DIRECT BURY A.P.S. POLE AND BASE DETAIL.		SWL	FEB. '16			
NO.	LOCAL EXCEPTION		BY	DATE			



STANDARD CONSTRUCTION DETAILS

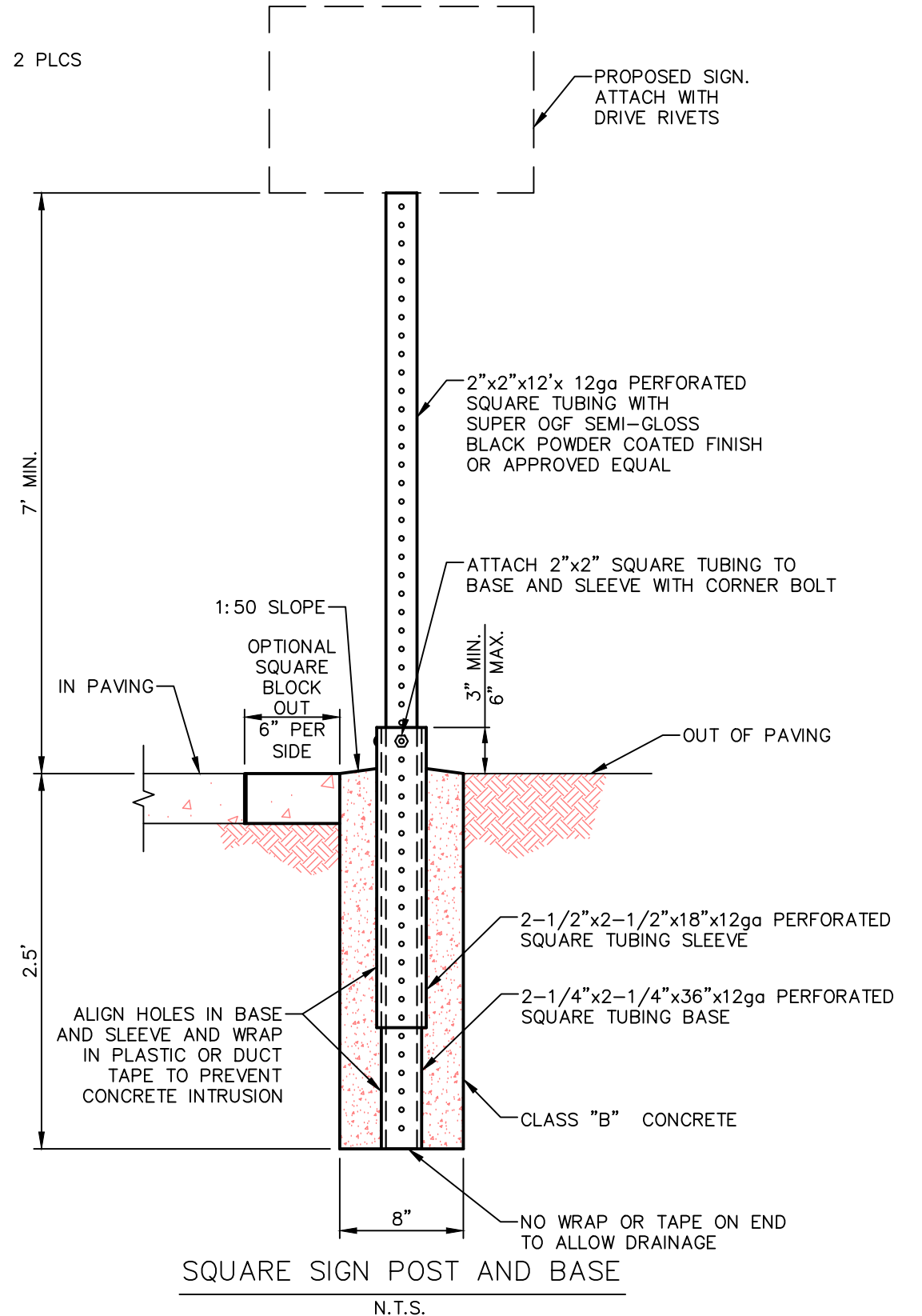
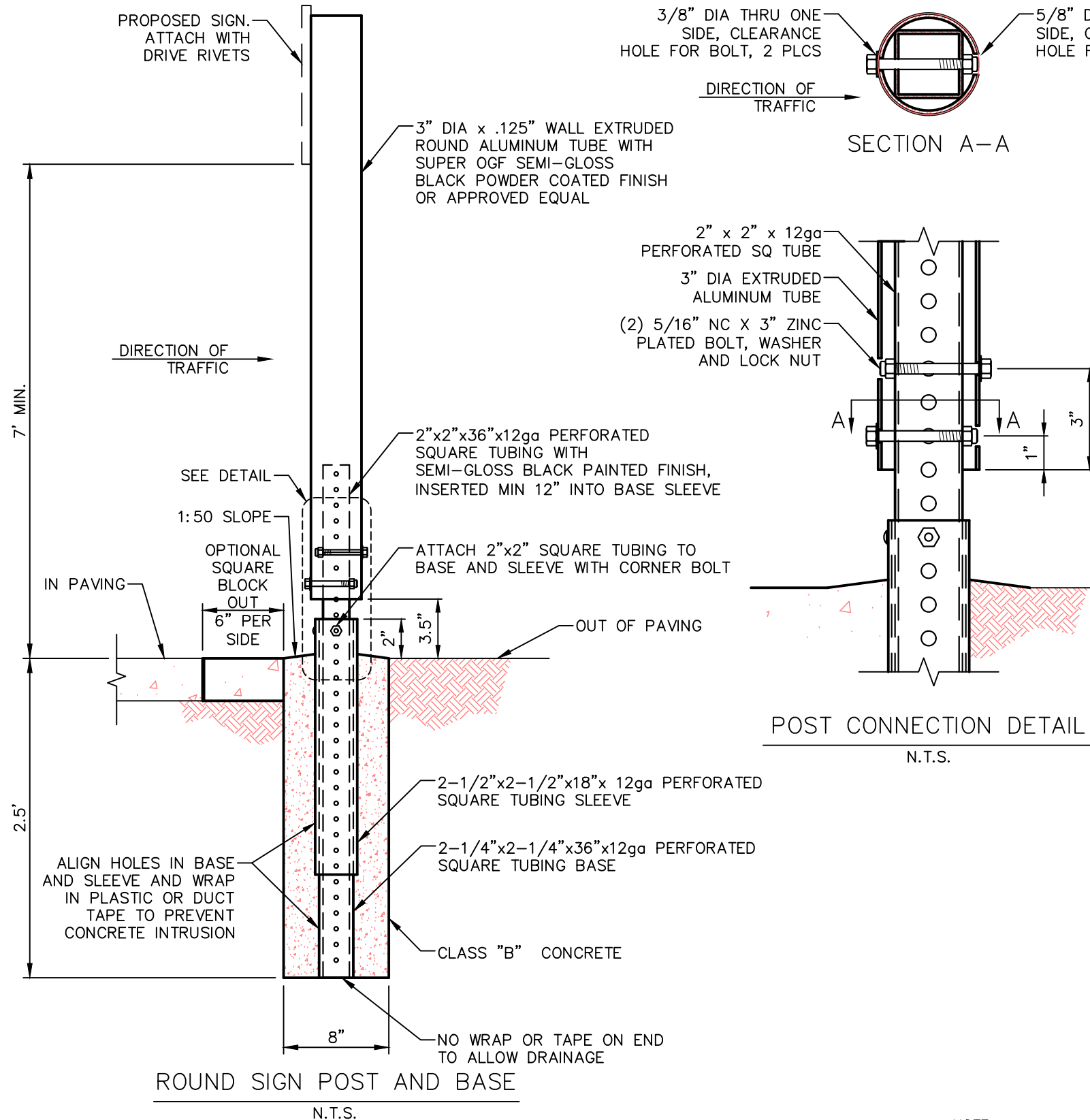
POURED CONCRETE BASE
BOLLARD AND DIRECT BURY POLE

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
702., 806.

STANDARD DETAIL

2330



North Central Texas Council of Governments



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NOTE: FOR SIGNAGE DETAILS, SEE LATEST TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (T.M.U.T.C.D.).

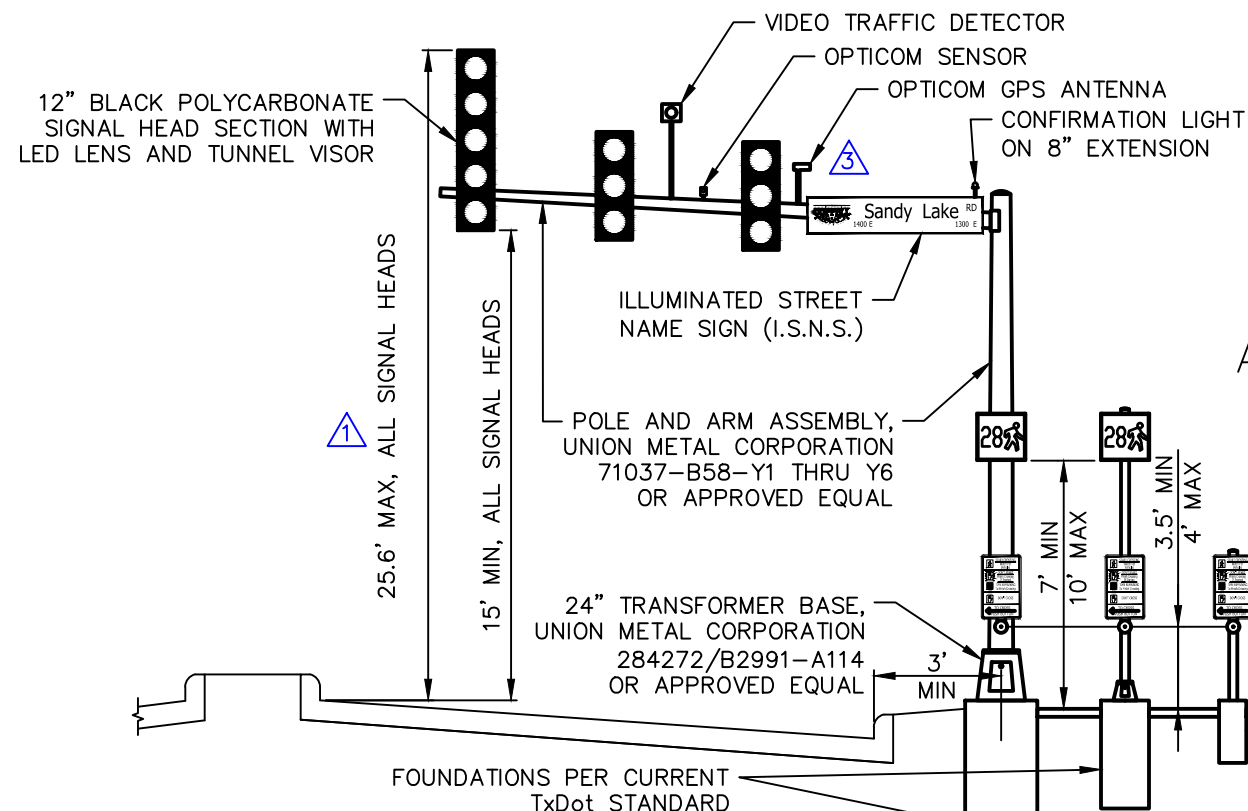
					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 702., 806.
					POURED CONCRETE BASE	STANDARD DETAIL
					SQUARE AND ROUND SIGN POST	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			2335

NOTES:

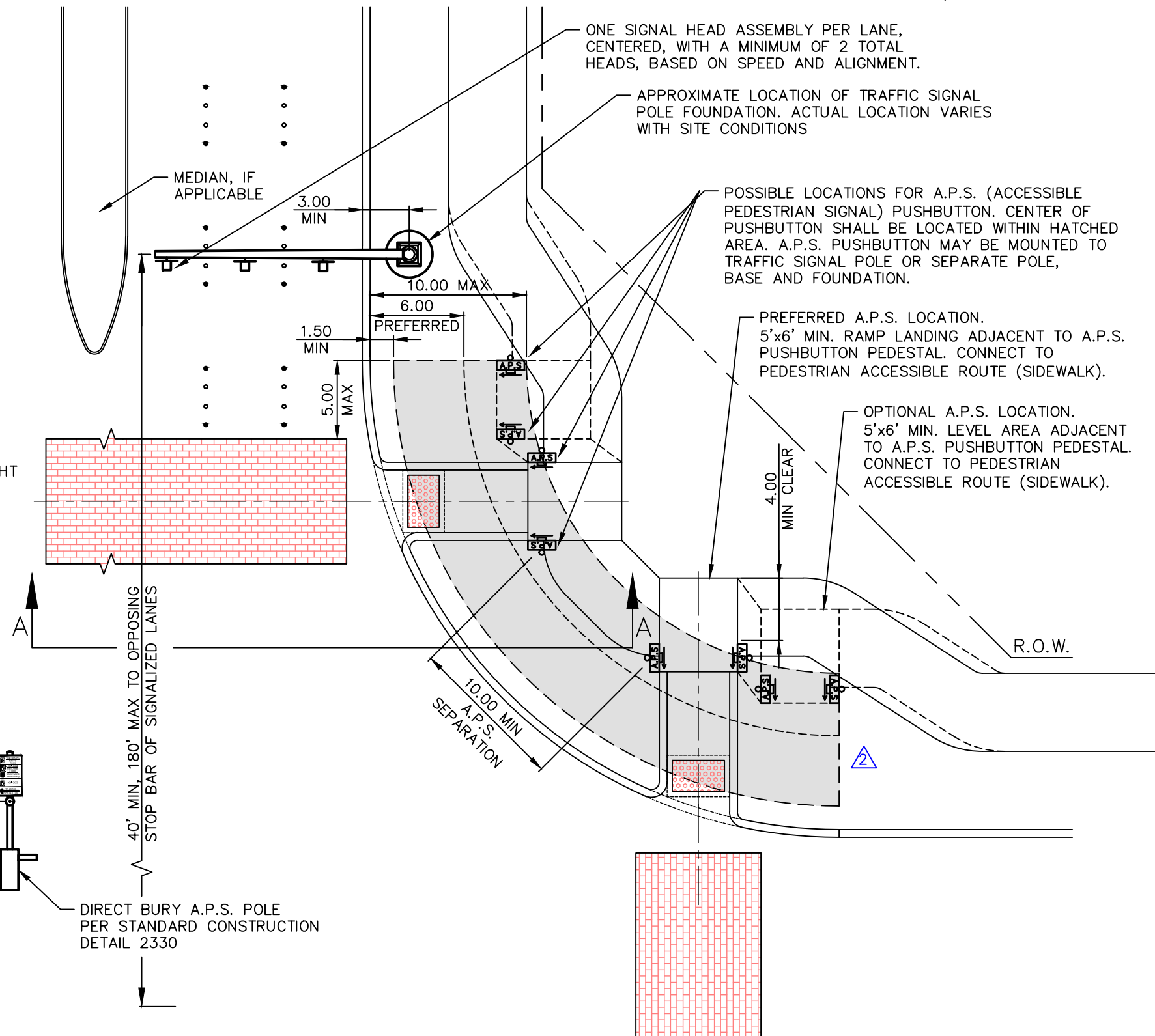
1. ALL DIMENSIONS TO BACK OF CURB AND IN FEET UNLESS OTHERWISE SHOWN.
2. UNLESS OTHERWISE NOTED, THE DESIGN OF THE SIGNAL POLES, MAST ARMS, TRANSFORMER BASE AND DAVIT EXTENSIONS SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT A.A.S.H.T.O. STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS AND ALL ADDENDA THERETO. THE DESIGN SHALL WITHSTAND ICE AND 80 MPH WINDS WITH 140 MPH GUSTS.
3. SHOP DRAWINGS SHALL BE PROVIDED BY THE MANUFACTURER FOR APPROVAL PRIOR TO PRODUCTION OF ORDER.
4. SURFACE FINISH COLOR OF POLES, MAST ARMS AND BASES SHALL BE SUPER OGF SEMI-GLOSS BLACK POWDER COATED FINISH OR APPROVED EQUAL IN ACCORDANCE WITH THE SPECIFICATION.
5. THE ACCESSIBLE PEDESTRIAN SIGNAL (A.P.S.) SHALL BE LOCATED BETWEEN 1.5' AND 6' FROM THE BACK OF CURB, AND A MAXIMUM OF 10' FROM THE BACK OF CURB WHEN PHYSICAL CONSTRAINTS NECESSITATE.
6. THE FACE OF THE A.P.S. PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED, AND BE SEPARATED BY AT LEAST 10' FROM AN ADJACENT A.P.S. ON THE SAME CORNER. WHERE PHYSICAL CONSTRAINTS NECESSITATE ADJACENT A.P.S. PUSHBUTTONS BE SEPARATED BY LESS THAN 10', THEY MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE, AND SHALL PROVIDE A SPEECH WALK MESSAGE AND SPEECH PUSHBUTTON INFORMATION.

—GENERAL GUIDELINE ONLY—
ALL ACCESSIBLE ROUTES AND TRAFFIC SIGNAL COMPONENTS MUST
COMPLY WITH A.D.A., T.A.S. AND T.M.U.T.C.D. REGULATIONS.

 =ALLOWABLE AREA FOR A.P.S. (ACCESSIBLE PEDESTRIAN SIGNAL) LOCATION
 =POSSIBLE A.P.S. (ACCESSIBLE PEDESTRIAN SIGNAL) LOCATION



VIEW A-A
N.T.S.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTCOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE
3	ADD OPTICOM GPS ANTENNA.	SWL	MAY '20
2	MODIFIED ALLOWABLE AREA FOR A.P.S. LOCATIONS.	SWL	JUL. '18
1	ADD DIMENSION FOR MAXIMUM SIGNAL HEAD HEIGHT.	SWL	JUL. '18



STANDARD CONSTRUCTION DETAILS

TRAFFIC SIGNALS
COLLECTOR STREETS AND THOROUGHFARES

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
305.

STANDARD DETAIL

2340


PAVEMENT SYSTEMS
TESTING REQUIREMENTS

- 1. ALL TESTING ASSOCIATED WITH PUBLIC PAVING IMPROVEMENTS SHALL BE CONDUCTED BY A CERTIFIED LABORATORY SELECTED BY THE CITY OF COPPELL ENGINEERING DEPT. THE CITY OF COPPELL SHALL PAY FOR INITIAL TESTS PERFORMED. THE CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH ANY RE-TESTING.
- 2. ALL TESTING ASSOCIATED WITH PRIVATE PAVING IMPROVEMENTS SHALL BE CONDUCTED BY A CERTIFIED LABORATORY SELECTED BY THE CONTRACTOR AND APPROVED CITY OF COPPELL ENGINEERING DEPT. THE CONTRACTOR SHALL PAY FOR ALL TESTS PERFORMED UNLESS OTHERWISE NOTED ON THE PLANS AND SPECIFICATIONS.
- 3. EMBANKMENT MATERIALS SHALL BE TESTED AND CERTIFIED FOR DENSITY, MOISTURE, GRADATIONS AND SUITABILITY AS SET FORTH IN THE NCTCOG SPECIFICATIONS, FOLLOWING STANDARD TEST PROCEDURES.
- 4. DENSITY TESTING SHALL BE PERFORMED ON EACH LIFT OF PROPERLY PLACED AND COMPACTED MATERIAL, AND MINIMUM REQUIREMENTS FOR DENSITY SHALL BE NINETY-FIVE (95) PERCENT (%) OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D698.
- 5. MOISTURE CONTENT OF THE MATERIAL SHALL BE FROM OPTIMUM MOISTURE CONTENT TO PLUS FOUR (4) PERCENT (%) ABOVE OPTIMUM MOISTURE CONTENT.
- 6. THE MINIMUM FREQUENCY OF DENSITY TESTING SHALL BE THREE (3) TESTS PER ONE (1) FOOT LOOSE LIFT PER TWO THOUSAND (2000) SQUARE YARDS OF SURFACE AREA.
- 7. RETESTING OF MATERIALS SHALL BE PERFORMED AT THE ORIGINAL TEST LOCATION.
- 8. GRADATIONS AFTER THE FINAL MIXING SHALL BE AS FOLLOWS:
MINIMUM PASSING 1 INCH LABORATORY SIEVE: 100%
MINIMUM PASSING NO. 4 LABORATORY SIEVE: 60%
TESTS SHALL BE TAKEN EVERY ONE THOUSAND (1,000) SQUARE YARDS.
- 9. UPON COMPLETION OF THE WORK AND BEFORE FINAL ACCEPTANCE/FINAL PAYMENT SHALL BE MADE, PAVEMENT THICKNESS TESTS MAY BE CONDUCTED AT THE DISCRETION OF THE CONSTRUCTION INSPECTOR. IF REQUIRED, THE NUMBER OF CORES FOR THICKNESS VERIFICATION SHALL BE BASED ON THREE (3) CORES FOR EVERY TWO THOUSAND (2000) SQUARE YARDS OF PAVEMENT SURFACE AREA, OR ANY PART THEREOF.
- 10. DURING THE PROGRESS OF THE WORK, THE TESTING LABORATORY SHALL CAST TEST CYLINDERS TO MAINTAIN A CHECK ON THE COMPRESSIVE STRENGTH OF THE CONCRETE BEING PLACED. SAMPLING AND MOLDING OF TEST SPECIMENS SHALL MEET THE APPLICABLE ASTM GUIDELINES. CONCRETE PAVEMENT TESTING SHALL REQUIRE THREE (3) INDIVIDUAL STRENGTH SAMPLES PER TEST, AT A FREQUENCY OF ONE TEST PER ONE HUNDRED (100) CUBIC YARDS, OR FRACTION THEREOF, OF CONCRETE PLACED PER DAY. A COPY OF THE TEST RESULTS SHALL BE DELIVERED TO THE ENGINEERING DEPARTMENT AND SHALL INCLUDE THE DATE AND TIME OF SAMPLING, EXACT LOCATION CONCRETE WAS PLACED, TRUCK TICKET NUMBER, SLUMP, AIR CONTENT, AND TEMPERATURE OF CONCRETE.
- 11. ANY DEFICIENCIES IN CONCRETE THICKNESS OR STRENGTH SHALL BE HANDLED IN ACCORDANCE WITH NCTCOG ITEM 303.8.

North Central Texas Council of Governments



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					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					PAVEMENT SYSTEMS	
					TESTING REQUIREMENTS	STANDARD DETAIL 2350
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			